\Orchestrating a brighter world

NEC

NEC Display Solutions

Product Overview

Product Overview

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NEC brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.

For more detailed information please visit:
www.nec-display-solutions.com

Performance You Can Trust

NEC stands for product quality and design perfection with a reputation for superior performance and reliability, backed by an enviable pan-European support infrastructure. Focused on its customers' needs, NEC pioneers new technological advances which deliver uncompromising quality, durability and performance with a strong commitment to ecological objectives. Engineered to an exceptionally high standard, NEC brings innovation to its products to address genuine business needs; our products are ready for the most demanding mission critical applications - out of the box.

NEC Display Solutions brings together technology and expertise; every day, our innovative solutions for society contribute to greater safety, security, efficiency and equality, and enable people to live brighter lives. It is through partnership and collaboration that NEC Display Solutions is able to address specific needs across a broad range of sectors, orchestrating each project to ensure all its parts are fine-tuned to meet the customers' needs. With the widest portfolio of display and projection solutions on the market, NEC is a Total Display Solutions Provider, trusted by AV professionals the world over.

Desktop Displays

With a comprehensive range of Display Solutions on the market, NEC has a desktop display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial applications and all are backed by our three year manufacturer warranty.

3 YEARS WARRANTY

UP TO 5 YEARS OPTIONAL WARRANTY

ECO INNOVATION

Commercial Entry Level

AS Series	Office productivity for cost conscious professionals

Commercial Enterprise

E Series	Future proof displays for the performance-oriented workplace
EA Series	For the advanced ergonomic and high performance-oriented workplace

Professional

P Series	The professional series for demanding office and industrial applications
PA Series	The Reference series for demanding precision applications

Colour Reference

SV Series	The Colour Reference series for the ultimate colour accurate performance

Medical

MD Series	DICOM certified displays for primary diagnostics and clinical review for medical applications

AS | Commercial Entry Level

Entry level displays for cost-conscious users offering outstanding value for money and an attractive lifestyle design

22″ to 24″

AS Series

1080P FULLHD IMAGE

NaViSet Administrator 2

E | **EA** | Commercial Enterprise

Performance-oriented displays ideal for corporate and SMB users. Advanced ergonomics and leading image quality and improved connectivity; these products have all the credentials today that will be demanded tomorrow.

17″ to 24″

E Series

19″ to 30″

EA Series

P | **PA** | Professional Reference

Ideal for demanding precision applications used by creative professionals, photographers and engineers. Superb performance and 10-bit P-IPS image quality with a wide range of innovative features and upgraded connectivity, all packed into a new ergonomically designed housing.

21″ to 24″

P Series

24″ to 32″

PA Series

AS | Commercial Entry Level **EA** | Commercial Enterprise

AccuSync® Model / MultiSync® Model	AS222WM	AS242W	EA193Mi	EA223WM	EA224WMi	EA234WMi	EA244WMi	EA244UHD
Order Code	60003496 (BK)	60003810 (BK)	60003586 (BK) 60003585 (WH	60003294 (BK) 60003293 (WH)	60003336 (BK) 60003337 (WH)	60003588 (BK) 60003587 (WH)	60003414 (BK) 60003409 (WH)	60003683 (BK) 60003684 (WH)
Panel Technology	TN / W-LED	W-LED TN TFT	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	21.5 / 54.62	24 / 60.97	19.0 / 48.2	22.0 / 55.9	21.5 / 54.62	23.0 / 58.42	24.1 / 61.13	23.8 / 60.5
Aspect Ratio	16:9	16:9	5:4	16:10	16:9	16:9	16:10	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	350	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160	178 / 178	170 / 160	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	5	5	6	5	6	6	6	5
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1280 x 1024	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1200	3840 x 2160
Connectivity	DVI-D, VGA	DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, USB, VGA	DP, DVI-D, USB, HDMI, VGA	DVI-D, HDMI, USB, DP, VGA	DVI-D, HDMI, USB, DP, VGA	2 DVI-D (Single Link), 2 DP, 2 HDMI, USB 3.0
Power Use Max / ECO [W]	27 / 13	24 / 13	18 / 10	25 / 12	26 / 15	27 / 16	29 / 16	79 / 41
Power Saving Mode [W]	0.35	0.35	0.35	0.4	0.43	0.41	0.47	0.33
Internal Power Supply	●	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	-	-	110	130	130	130	130	130
Other Ergonomics	tilt	tilt	tilt, swivel, rotate	tilt, swivel, rotate	tilt.,swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	15.8 / 14.7	19.0 / 19.0	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7	16.4 / 16.0	16.8 / 17.9	18.1 / 14.8
Dimensions with stand (W x H x D) [mm]	507 x 364 x 205	571 x 400 x 211	408 x 386 x 213	503.5 x 384 x 218	507.4 x 370 x 218	543 x 380 x 218	556 x 408 x 230	558 x 386 x 218
Weight with stand [kg]	4.1	4.0	6.0	5.6	6.0	6.4	7.6	7
TCO	6.0	6.0	6.0	5.2	6.0	6.0	6.0	6.0
NaViSet	●	●	●	●	●	●	●	●

EA | Commercial Enterprise

MultiSync® Model	EA273WMi	EA274WMi	EA275WMi*	EA275UHD	EA294WMi	EA304WMi	EA305WMi*
Order Code	60003608 (BK) 60003607 (WH)	60003493 (BK) 60003492 (WH)	60003338 (BK) 60003339 (WH)	60003865 (BK) 60003867 (WH)	60003417 (BK) 60003415 (WH)	60003494 (BK) 60003495 (WH)	60003819 (BK) 60003820 (WH)
Panel Technology	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS	IPS / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	27.0 / 68.6	27.0 / 68.57	27.0 / 68.57	27.0 / 68.57	29.0 / 73.2	29.8 / 75.7	30 / 76.2
Aspect Ratio	16:9	16:9	16:9	16:9	21:9	16:10	16:10
Brightness (typ.) [cd/m²]	250	350	350	350	300	350	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6	5	6	6	6
Colours [Mio.]	16.77	16.77	16.77	1074	16.77	1074	16.77
Resolution at 60 Hz	1920 x 1080	2560 x 1080	2560 x 1440	3840 x 2160	2560 x 1080	2560 x 1600	2560 x 1600
Connectivity	DVI-D, HDMI, USB, DP, VGA	DVI-D, HDMI, USB, DP, VGA	DVI-I, HDMI, USB, DP	DVI-D, HDMI, USB, DP, VGA	2 DVI-D, HDMI/MHL, USB, DP, 2 VGA	DVI-D, HDMI/MHL, USB, DP, VGA	DVI-I, HDMI/MHL, USB, DP
Power Use Max / ECO [W]	31 / 16	57 / 35	57 / 35	49 / 28	50 / 28	83 / 48	107 / 48
Power Saving Mode [W]	0.48	0.80	0.47	0.37	0.8	0.7	0.47
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	130	130	130	130	130	130	130
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	19.6 / 19.6	18 / 15.5	19.6 / 19.6	18.1 / 14.8	18.0 / 15.5	21.9 / 21.8	21.9 / 21.8
Dimensions with stand (W x H x D) [mm]	639 x 417 x 230	705 x 410 x 230	639 x 417 x 230	639 x 417 x 230	705 x 410 x 230	686 x 472 x 230	686 x 472 x 230
Weight with stand [kg]	8.7	9.6	8.7	9.1	9.6	11	10.9
TCO	6.0	6.0	6.0	6.0	6.0	6.0	6.0
NaViSet	●	●	●	●	●	●	●

* Specification subject to change until launch

E | Commercial Enterprise

MultiSync® Model	E171M	E203Wi*	E223W	E224Wi	E231W	E233WM*	E232WMT	E243WMi
Order Code	60003582 (BK) 60003581 (WH)	60003804 (BK) 60003805 (WH)	60003334 (BK) 60003335 (WH)	60003584 (BK) 60003583 (WH)	60002932 (BK) 60002933 (WH)	60003806 (BK) 60003807 (WH)	60003680 (BK)	60003681 (BK) 60003682 (WH)
Panel Technology	TN / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	TN / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	17.0 / 43.3	20.0 / 50.0	22.0 / 55.9	21.5 / 54.6	23.0 / 58.42	23.0 / 58.42	23.0 / 58.4	23.8 / 60.47
Aspect Ratio	5:4	16:9	16:10	16:9	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	170 / 160	178 / 178	170 / 160	170 / 160	170 / 170	178 / 178
Response Time (typ. G to G) [ms]	5	6	5	6	5	5	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1600 x 900	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	HDMI, DVI-D, VGA	DP, DVI-D, VGA
Power Use Max / ECO [W]	19 / 9	17 / 11	24 / 12	25 / 16	28 / 16	24 / 13	52 / 20	26 / 13
Power Saving Mode [W]	0.15	0.35	0.35	0.4	0.34	0.35	0.8	0.4
Internal Power Supply	●	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	50	110	110	110	110	110	54	110
Other Ergonomics	tilt	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, flat,	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	17.5 / 14.2	17.6 / 15.2	15.8 / 13.9	15.8 / 14.7	19.2 / 19.2	16.8 / 16.4	–	16.8 / 14.7
Dimensions with stand (W x H x D) [mm]	368 x 358 x 230	466 x 350 x 213	503 x 383 x 213	507 x 364 x 213	550 x 381 x 213	544 x 374 x 213	561 x 362 x 249	557 x 379 x 213
Weight with stand [kg]	4.2	4.9	4.9	5.9	6.2	5.7	7.6	6.3
TCO	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

P | PA | Professional Reference

MultiSync® Model	P212	P232W	P242W	PA242W -SV2	PA272W -SV2	PA302W -SV2	PA322 UHD-SV2
Order Code	60003862 (BK) 60003989 (WH)	60003838 (BK) 60003323 (WH)	60003419 (BK) 60003418 (WH)	60003948 (BK) 60003947 (WH)	60003949 (BK)	60003950 (BK)	60003685 (BK)
Panel Technology	IPS/ LED	IPS / W-LED	IPS / W-LED	AH-IPS / GB-R LED			IPS / W-LED
Screen Size [inch / cm]	21.3 / 54	23.0 / 58.4	24.1 / 61.1	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80.1
Aspect Ratio	4:3	16:9	16:10	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	77.0 / 97.9	75.2 / 96.8	78.4 / 99.6	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m²]	440	250	350	340	340	340	350
Contrast (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	8	8	7	7	10
Colours [Mio.]	1074	16.77	16.77	1074	1074	1074	1074
Resolution at 60 Hz	1600 x 1200	1920 x 1080	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)			DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)		DP, Mini DP, HDMI, DVI-D,USB 2.0 (3 down / 2 up)	
Power Use Max / ECO [W]	57 / 24	29 / 18	30 / 17	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	0.5	1	1	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	16.8 / 16.2	17.0 / 16.2	18.2 / 18.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D) [mm]	466.4 x 374 x 227.6	543 x 337 x 227.6	556 x 378 x 227	556 x 378 x 227	640 x 396 x 235	688. x 466 x 301	745 x 469 x 302
Weight with stand [kg]	8.0	9.2	10.2	10.6	12.9	17.0	20.5
TCO	-	6.0	6.0	-	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●	●
MultiProfiler Software	●	●	●	●	●	●	●
SpectraView II	Optional	Optional	Optional	●	●	●	●

* Specification subject to change until launch

SpectraView | Colour Reference

The perfect choice for creative professionals. SpectraView® LCDs with the latest AH-IPS panel technology are designed to meet the highest standards for professional applications where colour fidelity cannot be compromised. SpectraView® displays are individually screened for 0 Pixel defect.

SpectraView®

23" to 32"

SV Series

For more detailed information please visit:
www.spectraview.nec-display-solutions.com

SpectraView | Colour Reference

	SV232	SV Ref242	SV Ref272	SV Ref302	SV Ref322 UHD
Order Code	60003161	60003543	60003545	60003547	60003686
Panel Technology	IPS / W-LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	IPS / W-LED
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80.1
Aspect Ratio	16:9	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	75.2 / 96.8	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m²]	270	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	7	7	10
Colours [Mio.]	16.77	1074	1074	1074	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, DVI-D, HDMI, VGA, USB 2.0 (3 down / 2 up)	DP, DVI-D, HDMI, VGA, USB 2.0 (3 down / 2 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)		OPS FF, 2 DP, 2 DVI-D, 4 HDMI, USB 3.0 (3 down / 2 up)
Power Use Normal / ECO [W]	29 / 18	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	1	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	21.9 / 22.5
Dimensions with stand (W x H x D) [mm]	543 x 338 x 227	556 x 378 x 227	640 x 396 x 235	688 x 466 x 301	745 x 469 x 302
Weight with stand [kg]	9.2	10.6	12.9	18.0	20.5
5 years warranty / 0 Pixel Defect	Optional / -	● / ●	● / ●	● / ●	● / ●

GB LED

UP TO 5 YEARS WARRANTY

0 PIXEL DEFECT

NaViSet Administrator 2

MD Medical | Speciality

As one of the leading manufacturer of innovative medical displays NEC is your partner to deal with the challenges of hospital-wide digitalisation processes. Select from our medical portfolio - desktop displays, large format displays or DICOM Simulation projectors in the knowledge that you have one point of support and the highest standards of cross-departmental integration to a common standard.

2MP - 8MP	2MP - 3.7MP	46”
MD Series	MDview Series	OR Large Format

For more detailed information please visit:
www.medical.nec-display-solutions.com

MD Series | Diagnostic

	MD211G5	MD212G3	MD211G3	MD302C6	MD211C3	MD210C3	MD211C2	MD210C2
Panel Technology	IPS Grayscale LED Backlight	IPS TFT Colour W-LED Backlight	SA-SFT Grayscale	IPS TFT Colour W-LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight
Screen diagonal [inch/cm]	21.3 / 54.0	21.3 / 54.0	21.3 / 54.0	30 / 76.2	21.3 / 54.0	21.3 / 54.0	21.3 / 54.0	21.3 / 54.0
Native resolution [Megapixel]	5.0	3.0	3.0	6,7	3.0	3.0	2.0	2.0
Resolution	2048 x 2560 (P)	1536 x 2048 (P)	1536 x 2048 (P)	3280 x 2048 (L)	1536 x 2048 (P)	1536 × 2048 (P)	1200 x 1600 (P)	1200 x 1600 (P)
Contrast ratio (typ.)	1200:1	1400:1	900:1	1000:1	1400:1	1400:1	1400:1	1400:1
Viewing angle (H / V @ CR > 10:1)	176°/ 176°	176° / 176°	176°/ 176°	170° / 170°	176° / 176°	176° / 176°	176° / 176°	176° / 176°
Luminance (Max)	1200 cd/m²	1700 cd/m²	1450 cd/m²	800 cd/m²	800 cd/m²	800 cd/m²	900 cd/m²	760 cd/m²
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit
Programmable gamma correction	13.5-bit	15.5-bit	15.5-bit	16-bit	14-bit	14-bit	14-bit	14-bit
Factory pre-set	500 cd/m² DICOM GSDF	400 cd/m² DICOM GSDF	400 cd/m² DICOM GSDF	400cd/m² DICOM GSDF	400 cd/m² DICOM GSDF	400 cd/m² DICOM GSDF	400 cd/m² DICOM GSDF	400 cd/m² DICOM GSDF
Connectivity	DVI-D, DP	DVI-D, DP	DVI-D, DP	2 DVI-D, 2 DP	DVI-D, DP	DVI-D, DP	DVI-D, DP	DVI-D, DP
Power consumption (max.) [W]	80	50	105	173.5	85	85	80	80
Dimensions (W x H x D) [mm]	390 x 488 x 228 (Portrait)	380 x 474 x 228 (Portrait)	361x 483 x 227 (Portrait)	696 x 487 x 302 (Landscape)	394 x 473 x 236 (Portrait)	394 x 473 x 236 (Portrait)	394 x 473 x 236 (Portrait)	394 x 473 x 236 (Portrait)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.

MD Series | Diagnostic — Clinical Review — OR LFD

	MD C212C2	MDC212C2 270*	MD322C8	MD302C4	MD242C2	MD view232	MD view243	MD view272	MD462OR
Panel Technology	IPS TFT LED Backlight	IPS TFT LED Backlight	IPS Type TFT Colour with W-LED Backlight	AH-IPS Colour LED Backlight	IPS Colour LED Backlight	IPS Colour LED Backlight	IPS Colour LED Backlight	AH-IPS Colour LED Backlight	S-PVA Colour
Screen diagonal [inch/cm]	21.3 / 54	21.3 / 54	31.5 / 80.1	29.8 / 75.6	24.1 / 61.1	23.0 / 50.9	24.1 / 61.1	27.0 / 68.5	46 / 116.8
Native resolution [Megapixel]	2.0	2.0	8.3	4.0	2.3	2.0	2.3	3.7	2.0
Resolution	1600 x 1200 (L)	1600 x 1200 (L)	3840 x 2160 (L)	2560 x 1600 (L)	1920x 1200 (L)	1920 x 1080 (L)	1920 x 1200 (L)	2560 x 1440 (L)	1920 x 1080 (L)
Contrast ratio (typ.)	1500:1	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	4000:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°	178° / 178°	176° / 176°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Luminance (Max)	440 cd/m²	440 cd/m²	350 cd/m²	340 cd/m²	350cd/m²	250 cd/m²	350 cd/m²	340 cd/m²	700 cd/m²
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	10-bit	8-bit	10-bit	10-bit	8-bit
Programmable gamma correction	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	10-bit
Factory pre-set	180 cd/m² DICOM GSDF	270 cd/m² DICOM GSDF	200 cd/m² DICOM GSDF	180 cd/m² DICOM GSDF	180 cd/m² DICOM GSDF	170 cd/m² DICOM GSDF	170 cd/m² DICOM GSDF	170 cd/m² DICOM GSDF	550 cd/m² DICOM GSDF
Connectivity	DVI-D, DP, VGA	DVI-D, DP, VGA	2 DVI-D, 2 DP, 4 HDMI	DVI-D, DP, Mini-DP, HDMI	DVI-D, DP, HDMI, VGA	DVI-D, DP, HDMI, VGA	DVI-D, DP, HDMI, VGA	DVI-D, DP, Mini-DP, HDMI	DP, DVI-D, HDMI, OPS, D-Sub
Power consumption (max.) [W]	54	54	95	87	30	29	30	73	150
Dimensions (W x H x D) [mm]	466 x 375 x 228 (Landscape)	466 x 375 x 228 (Landscape)	744.8 x 468 x 301.6 (Landscape)	688 x 466 x 302 (Landscape)	557 x 378 x 228 (Landscape)	543 x 337 x 227 (Landscape)	557 x 378 x 228 (Landscape)	640 x 396 x 236 (Landscape)	1153 x 820 x 180 (Landscape)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 years standard

* Specification subject to change until launch

Large Format Displays

As a world leading name in digital signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED backlit displays for performance critical applications to high quality value ranges and reference options, NEC leads the market for signage solutions you can trust.

3 YEARS WARRANTY

UP TO 5 YEARS OPTIONAL WARRANTY

Entry-Level Signage

E Series	Cost efficient digital signage as well as meeting room equipment

Value Signage

V Series	Value for money signage all-rounder delivering convenience and flexibility

Professional Signage

P Series	High end solution offering secure and reliable operations paired with a perfect image representation in all environments

Speciality

XUN Series	Video wall solution for huge surfaces offering a very modular and flexible design
XS Series	Super slim display for discreet integration in space critical settings
XHB Series	Hight bright display for perfect image presenting in very light surroundings
XUHD Series	Pixel free viewing combined with precise colour reproduction when image quality decides

Protective Glass

Maximum protection against knocks and blows combined with reduced reflection and high light transmission for an unrestricted image quality

Available for V / P / XS / XUHD Series

Multi-Touch

Interactive plug & play touch solutions offering true multi-touch for a wide range of applications

Availabe for E / V / P / XUHD Series

E Series | Entry Level Signage

The E Series commercial-grade displays are designed to bring NEC's heritage of performance and quality to the most cost-conscious customers. With screen sizes from 32 to 90 inch, the smaller sized E Series models bring a comprehensive line-up of large format displays for entry-level applications. The larger sized models are completely new to the E Series family, specially designed for the needs of corporate customers who rely on quality professional solutions yet offer a compellingly low total cost of ownership.

12 7 CERTIFIED OPERATION

1080P FULLHD IMAGE

32" to 90"

E Series

V Series | Value Signage

If you are looking to transform your restaurant, shop or business with the added presence and revenue that digital signage offers, the V Series by NEC provides professional performance you can trust at a surprisingly affordable price. Benefit from the extra attention and sales these outstanding Full HD displays can bring while operating over longer lifecycles. The V Series also offers a DRD-range of signage-ready models for convenient and instant usage.

24 7 CERTIFIED OPERATION

1080P FULLHD IMAGE

NaViSet Administrator 2

32" to 80"

V Series

P Series | Professional Signage

The P Series provides a first class solution for digital signage and information distribution applications. New connectivity and sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.

24 7 CERTIFIED OPERATION

1080P FULLHD IMAGE

NaViSet Administrator 2

40" to 80"

P Series

1080P
FULLHD IMAGE

NaViSet Administrator 2

24/7 CERTIFIED OPERATION

XUN SERIES | Video Wall

No matter what the requirement, NEC has the right video wall solution to fit virtually any application. Adaptable, scalable and modular, NEC offers unlimited creativity in capturing attention, engaging and delivering a compelling video wall experience. Trusted NEC quality is the professional choice for display technology and can provide the complete video wall solution from pre-configuration and mounting solutions to content management and after sales support.

46" and 55"

XUN Series

XUHD | Ultra High Resolution

NEC is ushering in a new era of visual experience with the MultiSync® UHD Series delivering content in 4KUHD resolution with four times the pixel count of Full HD. Loaded with innovative features and high end components, the UHD models deliver an extraordinary reality-like visual experience with a richness of detail and controlled colour reproduction.

65" to 98"

XUHD Series

4KUHD

NaViSet Administrator 2

24/7 CERTIFIED OPERATION

1080P
FULLHD IMAGE

NaViSet Administrator 2

24/7 CERTIFIED OPERATION

XS | Super Slim

The superslim MultiSync® XS Series delivers the longevity and reliability customers expect from a Large Format Display thanks to a professional display panel and proven NEC engineering excellence. The reduced depth and light weight makes it easy to handle and integrate into recesses and housings.

40" to 55"

XS Series

XHB | High Brightness

Sunlight reduces the readability of content so signage located in store front windows or in light drenched atrium spaces needs to present messages with higher brightness. NEC's XHB displays with ambient light sensor keeps power consumption to a minimum whilst maintaining eye-pleasing readability in even the brightest environments.

47" to 75"

XHB Series

1080P FULLHD IMAGE NaViSet Administrator 2 24/7 CERTIFIED OPERATION

Protective Glass

High quality Conturan® Schott glass ensures reduced reflection and high light transmission for an unrestricted view of display content. In addition it ensures maximum investment security, protecting the display panel against projectiles.

32"

V Series PG

84" to 98"

XUHD Series PG

40" to 55"

XS Series PG

40" to 80"

P Series PG

24/7 CERTIFIED OPERATION 1080P FULLHD IMAGE 4K UHD

E Series | Entry Level Signage

MultiSync® Model	E325	E425	E505	E585	E654	E705	E805	E905
Order Code	60003725	60003726	60003727	60003728	60003487	60003928	60003929	60003930
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	VA / Direct LED	UV² A / Edge LED	UV² A / Edge LED	UV² A / Edge LED
Screen Size [inch / cm]	31.5 / 82	42 / 107	50 / 127	58 / 147	65 / 165	70 / 177	80 / 203	90 / 229
Brightness (max.) [cd/m²]	300	300	300	350	350	400	350	350
Contrast (typ.)	3000:1	3000:1	5000:1	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle horizontal / vertical [°]	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6.5	6.5	8.5	9.5	6.5	8	4	4
Haze Level (%)	2	2	1	1	2	5	5	5
Supported orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Native Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	3 HDMI, VGA, Component, Composite			3 HDMI, VGA, Component,Composite		2 HDMI, DP, DVI-D, VGA		
Power Consumption ECO [W]	45	75	100	136	260	150	230	270
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1
Dimensions (W x H x D) [mm]	727 x 424 x 77	960 x 555 x 77	1123 x 646 x 77	1301 x 759 x 109	1467 x 872 x 100	1587 x 920 x 87	1836 x 1061 x 87	2058 x 1184 x 123
Weight [kg]	4.9	10.1	11.9	21	30	47	61	81
Bezel Width B /T - L - R [mm]	16.1 /11.9	14.9 / 11.9	14.9 / 11.9	20.3 / 13.8	47.7 / 18.9	23 / 23	29.7 / 29.7	
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	-	-	-	-	-	●	●	●

V Series | Value Signage

Signage Ready

MultiSync® Model	V323-2	V423	V463	V552	V652	V801	V423-DRD	V463-DRD	V552-DRD
Order Code	60003849	60003397	60003394	60003396	60003395	60003482	60003992	60003993	60003994
Panel Technology	S-IPS / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	UV2A / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED
Screen Size [inch / cm]	32 / 80	42 / 106.68	46 / 117	55 / 138.8	65 / 164	80 / 203.2	42 / 106.68	46 / 117	55 / 138.8
Brightness (max.) [cd/m²]	450	450	500	450	450	460	450	500	450
Contrast (typ.)	1300:1	1300:1	4000:1	4000:1	4000:1	5000:1	1300:1	4000:1	4000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	12	6.5	6.5	8	6	12	6.5	6.5
Haze Level (%)	1	10	11	11	11	5	10	11	11
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	HDMI, DP, DVI-D In/Out, VGA			HDMI, DP, DVI-D In/Out, VGA			HDMI, DP, DVI-D In/Out, VGA		
Slot-In Option	OPS	OPS	OPS	OPS	OPS	OPS	Integrated OPS Digital Signage Player		
Power Consumption ECO [W]	49	88	76	96	185	223	49	88	76
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	750 x 444 x 60	972 x 565 x 68	1058 x 612 x 65	1250 x 720 x 63	1540 x 909 x 88	1836 x 1061 x 86	972 x 565 x 68	1058 x 612 x 65	1249 x 720 x 63
Weight [kg]	9	16.8	18.9	26.5	52.0	60	16.8	18.9	26.5
Bezel Width T - B / L - R [mm]	24.0 / 24.0	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	●	●	●	●	●	●	●	●	●

P Series | Professional Signage

MultiSync® Model	P403	P463	P553	P703	P801
Order Code	60003477	60003478	60003479	60003480	60003481
Panel Technology	S-PVA / Edge LED			UV² A / Edge LED	
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 139	70 / 177	80 / 203
Brightness (max.) [cd/m²]	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4
Haze Level (%)	44	44	44	5	5
Supported Orientation	Landscape, Portrait, Face Up, Face Down			Landscape, Portrait, Face Up, Face Down	
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP In/Out, LAN			DVI-D, HDMI, DP In/Out, LAN	
Slot-In Option	OPS, Interface Extension Slot			OPS, Interface Extension Slot	
Power Consumption ECO [W]	105	120	150	150	235
Power Savings Mode [W]	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	920 x 532 x 66	1055 x 608 x 64	1250 x 721 x 65	1587 x 920 x 86	1836 x 1061 x 86
Weight [kg]	17.0	21.4	25.3	47.0	61.5
Bezel Width T - B / L - R [mm]	15.5	16.5	18.5	23.0	29.7
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	●	●	●	●	●

XUN Series | Video Wall

MultiSync® Model	X464UNV-2	X464UN-2	X464UNS	X554UNV	X554UN-2	X554UNS	X555UNS	X555UNV
Order Code	60003791	60003790	60003722	60003723	60003789	60003673	60003905	60003906
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	55 / 139	55 / 139	55 / 139	55 / 139	55 / 139
Brightness (Max.) [cd/m²]	500	700	700	700	700	700	700	500
Contrast (typ.)	3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	1200:1	1200:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	12	12
Haze Level (%)	44	44	44	44	44	44	44	44
Supported Orientation	Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up	
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI	DVI-D, HDMI
Slot-In Option	OPS, Interface Extension Slot							
Power Consumption ECO [W]	90	120	120	120	146	143	175	138
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	1024 x 578 x 117	1024 x 578 x 100	1022 x 576 x 101	1213 x 684 x 100	1215 x 686 x 99	1213 x 684 x 100	1213 x 684 x 95	1213 x 684 x 95
Weight [kg]	24.3	23.0	20.4	25.9	29.2	27.9	30.3	30.3
Bezel Width T - B / L - R [mm]*	3.8 / 1.8	3.7 / 1.8	2.3 / 1.2	2.3 / 1.2	3.7 / 1.8	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2
Integrated Speakers	-	-	-	-	-	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●	●	●

* Dimensions may vary due to manufacturing tolerances

XUHD Series | Reference

XS | XHB Series | Specialist

MultiSync® Model	X651UHD	X841UHD	X981UHD	X401S	X462S	X552S	X474HB	X754HB*
Order Code	60003676	60003675	60003721	60003327	60003399	60003329	60003674	60003913
Panel Technology	S-IPS / Edge LED	S-IPS / Edge LED	S-IPS / Direct LED	S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED	S-IPS / Direct LED	S-PVA / Direct LED
Screen Size [inch / cm]	65 / 164	84 / 214	98 / 249	40 / 102	46 / 117	55 / 139	47 / 119	75 / 191
Brightness (Max.) [cd/m²]	450	500	500	700	700	700	2000	2500
Contrast (typ.)	1300:1	1400:1	1300:1	3500:1	4000:1	4000:1	1300:1	5000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	12	8	8	8	8	10	6
Haze Level (%)	10	10	1	44	44	44	2	1
Supported Orientation	Landscape, Portrait, Face Up			Landscape, Portrait, Face Up			Landscape, Portrait	
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP			DVI-D In/Out, HDMI, DP, VGA			DVI-D In/Out, HDMI, DP, VGA	
Slot-In Option	OPS	OPS	OPS	OPS	OPS	OPS	OPS, Interface Extension Slot	
Power Consumption ECO [W]	200	500	560	140	160	205	260	540
Power Use Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	1468 x 879 x 87	1931 x 1117 x 85	2204 x 1259 x 108	925 x 537 x 43	1059 x 613 x 46	1254 x 725 x 46	1084 x 628 x 147	1694 x 972 x 146
Weight [kg]	41	70	95	14.9	20.7	24.5	26.9	62
Bezel Width T - B / L - R [mm]	19	32.6	19.9	18.0	18.7	20.5	19.3	21
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 5 W	2 x 5 W	2 x 5 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	●	●	●	●	●	●	●	●

Protective Glass

MultiSync® Model	V323-2 PG	P403 PG	P463 PG	P553 PG	P703 PG	P801 PG
Order Code	60003995	60003701	60003702	60003703	60003707	60003708
Base Model	V323-2	P403	P463	P553	P703	P801
All specs same as base model except for those listed below						
Dimensions (W x H x D) [mm]	750 x 444.5 x 66	920 x 532 x 73	1055 x 608 x 70	1250 x 721 x 70.8	1587 x 9196 x 99	1836 x 1061 x 95
Weight [kg]	12.6	21.7	27.7	35.1	64.6	85.2
Bezel Width T-B / L-R [mm]	24.0 / 24.0	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	23.0 / 23.0	29.7 / 29.7
Glass	4mm Conturan® glass by Schott		4mm Conturan® glass by Schott		5mm Conturan® glass by Schott	
Coating	Double sided anti-reflective coating		Double sided anti-reflective coating		Double sided anti-reflective coating	
Light Transmission [%]	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1

MultiSync® Model	X401S PG	X462 PG	X552 PG	X841UHD PG	X981UHD PG
Order Code	60003437	60003433	60003432	60003985	60003983
Base Model	X401S	X462S	X552S	X841UHD	X981UHD
All specs same as base model except for those listed below					
Dimensions (W x H x D) [mm]	925 x 537 x 48	1059 x 613 x 51	1254 x 725 x 51	1931 x 1117 x 99	2204 x 1259 x 122
Weight [kg]	19.9	27.0	33.5	102	132
Bezel Width T-B / L-R [mm]	18.0 / 18.0	18.7 / 18.7	20.5 / 20.5	32.6 / 32.6	19.9 / 19.9
Glass	4mm Conturan® glass by Schott			6mm Conturan glass by Schott	
Coating	Double sided anti-reflective coating			Double sided anti-reflective coating	
Light Transmission [%]	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1

Multi-Touch Series

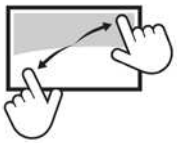
Based on the latest touch technology these displays deliver true multi-touch support with fast response times and a high level of accuracy. All NEC interactive displays are plug & play, without the need to install any external driver software. Thanks to an anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.

70" to 90"
E Series Touch
12/7 CERTIFIED OPERATION

40" to 80"
P Series Touch
24/7 CERTIFIED OPERATION

42" to 80"
V Series Touch
16/7 CERTIFIED OPERATION

65" to 98"
XUHD Series Touch
24/7 CERTIFIED OPERATION



1080P FULLHD IMAGE

ShadowSense

4K UHD

Multi-Touch Displays

MultiSync® Model	E705 SST	E805 SST	E905 SST	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM
Order Code	60003922	60003923	60003981	60003550	60003551	60003678	60003553	60003679
Supported Orientation	Landscape	Landscape	Landscape	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Base Model	E705	E805	E905	V423	V463	V552	V652	V801
All specs same as base model except for those listed below								
Haze Level	5	5	5	10	11	11	11	5
Brightness (max.)	400	350	350	430	480	450	450	460
Power Consumption ECO [W]	158	227	278	87	77	96	178	218
Dimensions (W x H x D) [mm]	1657 x 968 x 105	1878 x 1097 x 104	2122 x 1248 x 138	1008 x 601 x 83	1095 x 650 x 80	1294 x 765 x 86	1540 x 909 x 102	1842 x 1067 x 107
Weight [kg]	70	85	105	24.7	27.7	40.8	68.3	79.9
Bezel Width T-B / L-R [mm]	33.0 / 41.0	40.0 / 40.0	40.0 / 40.0	32.0 / 32.0	32.8 / 32.8	41.4 / 41.4	50.5 / 53.5	34.8 / 34.8
Touch Technology	ShadowSense™	ShadowSense™	ShadowSense™	Optical Camera	Optical Camera	Infrared	Optical Camera	Infrared
Protective Glass	5mm	5mm	5mm	4mm	4mm	4mm	5mm	3mm
Coating	Single sided anti-reflective coated (anti-glare)			Double sided anti-reflective coated			Double sided anti-reflective coated	
Touch Points	up to 10	up to 10	up to 10	up to 5	up to 5	up to 6	up to 5	up to 6
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	92	92	92	96	96	96	96	96
Reflection [%]	2	2	2	2	2	2	2	2

MultiSync® Model	P403 SST	P463 SST	P553 SST	P703 SST	P801 SST	X651UHD SST	X841UHD SST	X981UHD SST
Order Code	60003767	60003768	60003769	60003770	60003766	60003990	60003881	60003982
Supported Orientation	Face Up, Landscape, Portrait			Face Up, Landscape, Portrait		Face Up, Landscape, Portrait		
Base Model	P403	P463	P553	P703	P801	X651UHD	X841UHD	X981UHD
All specs same as base model except for those listed below								
Haze Level	44	44	44	5	5	10	10	1
Brightness (max.)	700	700	700	700	700	450	500	500
Power Consumption [W]	122	124	150	157	239	167	342	360
Dimensions (W x H x D) [mm]	968 x 587 x 82	1106 x 660 x 82	1328 x 789 x 79	1657 x 968 x 105	1878 x 1097 x 104	1532 x 910 x 103	2000 x 1194 x 105	2276 x 1329 x 123
Weight [kg]	24	32	37	70	85	70	110	150
Bezel Width T-B / L-R [mm]	39.0 / 39.0	40.0 / 40.0	40.0 / 40.0	33.0 / 42.0	40.0 / 40.0	42.0 / 42.0	41.0 / 41.0	45.0 / 45.0
Touch Technology	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™
Protective Glass	3mm	3mm	4mm	5mm	5mm	4mm	5mm	5mm
Coating	Single sided anti-reflective coated (anti-glare)			Single sided anti-reflective coated (anti-glare)		Single sided anti-reflective coated (anti-glare)		
Touch Points	up to 10	up to 10	up to 10	up to 10	up to 10	up to 10	up to 10	-
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	92	92	92	92	92	92	92	92
Reflection [%]	2	2	2	2	2	2	2	2

Speakers | Stands | Compatibility

Model	Speaker									
						High-End				
	Order Code		100012663	100012728	100013520	100013413	100013463	100013556	100013899	100013414
	Speaker	Speakers Built-In	SP-RM1	SP-RM2	SP-TF1	SP-46SM	SP-55SM	SP-65SM	SP-70SM	SP-80SM
X464UN-2	Compatibility	-	○	-	●	-	-	-	-	-
X554UN-2		-	○	-	●	-	-	-	-	-
X464UNS		-	○	-	●	-	-	-	-	-
X554UNS / X555UNS		-	○	-	●	-	-	-	-	-
X554UNV / X555UNV		-	○	-	●	-	-	-	-	-
X464UNV-2		-	○	-	●	-	-	-	-	-
X401S (PG)*		●	-	●	-	-	-	-	-	-
X462S (PG)*		●	○	-	●	●	-	-	-	-
X552S (PG)*		●	○	-	●	-	●	-	-	-
X474HB		●	○	-	●	-	-	-	-	-
X651UHD (SST)*		●	○	-	●	-	-	-	-	-
X841UHD (PG, SST)*		●	○	-	●	-	-	-	-	-
X981UHD (PG, SST)*		●	○	-	●	-	-	-	-	-
P403 (PG, SST)*		●	-	-	●	-	-	-	-	-
P463 (PG, SST)*		●	○	-	●	●	-	-	-	-
P553 (PG, SST)*		●	○	-	●	-	●	-	-	-
P703 (PG, SST)*		●	○	-	●	-	-	-	●	-
P801 (PG, SST)*		●	○	-	●	-	-	-	-	●
V323-2 (PG)*		●	-	-	-	-	-	-	-	-
V423		●	-	○	-	-	-	-	-	-
V463		●	○	-	●	●	-	-	-	-
V552		●	○	-	●	-	●	-	-	-
V652		●	○	-	●	-	-	●	-	-
V801		●	○	-	●	-	-	-	-	●
V423 TM		●	-	○	-	-	-	-	-	-
V463 TM		●	○	-	●	-	-	-	-	-
V552 TM		●	○	-	●	-	-	-	-	-
V652 TM		●	○	-	●	-	-	●	-	-
V801 TM		●	○	-	●	-	-	-	-	-
E325		●	-	-	-	-	-	-	-	-
E425		●	-	-	-	-	-	-	-	-
E505		●	-	-	-	-	-	-	-	-
E585		●	-	-	-	-	-	-	-	-
E654		●	-	-	-	-	-	-	-	-
E705 (SST)*		●	○	-	●	-	-	-	●	-
E805 (SST)*		●	○	-	●	-	-	-	-	●
E905 (SST)*		●	○	-	●	-	-	-	-	-

Model	Stand											
	Order Code		100013034	100012203	100012205	100012201	100012828	100013328	100013911	100013944	100013945	100013910
	Feet	Feet included	ST-322	ST-4020	ST-4620	ST-5220	ST-651	ST-801	ST-32E	ST-42E	ST-50E	ST-58E
X464UN-2	Compatibility	-	●	-	-	-	-	-	-	-	-	-
X554UN-2		-	-	-	-	●	-	-	-	-	-	-
X464UNS		-	●	-	-	-	-	-	-	-	-	-
X554UNS / X555UNS		-	-	-	-	●	-	-	-	-	-	-
X554UNV / X555UNV		-	-	-	-	●	-	-	-	-	-	-
X464UNV-2		-	●	-	-	-	-		-	-	-	-
X401S (PG)		-	●	-	-	-	-	-	-	-	-	-
X462S (PG)		-	-	●	-	-	-	-	-	-	-	-
X552S (PG)		-	-	-	-	●	-	-	-	-	-	-
X474HB		-	-	-	●	-	-	-	-	-	-	-
X651UHD (SST)		-	-	-	-	-	●	-	-	-	-	-
X841UHD (PG, SST)		-	-	-	-	-	-	●	-	-	-	-
X981UHD (PG, SST)		-	-	-	-	-	-	●	-	-	-	-
P403 (PG, SST)		-	●	-	-	-	-	-	-	-	-	-
P463 (PG, SST)		-	●	-	-	-	-	-	-	-	-	-
P553 (PG, SST)		-	-	-	-	●	-	-	-	-	-	-
P703 (PG, SST)		-	-	-	-	-	-	●	-	-	-	-
P801 (PG, SST)		-	-	-	-	-	-	●	-	-	-	-
V323-2 (PG)		-	●	-	-	-	-	-	-	-	-	-
V423		-	●	-	-	-	-	-	-	-	-	-
V463		-	●	-	-	-	-	-	-	-	-	-
V552		-	-	-	●	-	-	-	-	-	-	-
V652		-	-	-	-	-	●	-	-	-	-	-
V801		-	-	-	-	-	-	●	-	-	-	-
V423 TM		-	●	-	-	-	-	-	-	-	-	-
V463 TM		-	-	-	●	-	-	-	-	-	-	-
V552 TM		-	-	-	●	-	-	-	-	-	-	-
V652 TM		-	-	-	-	-	●	-	-	-	-	-
V801 TM		-	-	-	-	-	-	●	-	-	-	-
E325		-	-	-	-	-	-	-	●	-	-	-
E425		-	-	-	-	-	-	-	-	●	-	-
E505		-	-	-	-	-	-	-	-	-	●	-
E585		-	-	-	-	-	-	-	-	-	-	●
E654		●	-	-	-	-	-	-	-	-	-	-
E705 (SST)		-	-	-	-	-	-	●	-	-	-	-
E805 (SST)		-	-	-	-	-	-	●	-	-	-	-
E905 (SST)		-	-	-	-	-	-	●	-	-	-	-

High-End Speaker SP-55SM

MultiSync® V801 with High-End Speaker SP-80SM

MultiSync® E505 with optional feet

Definitions

●	Perfect Compatibility
○	Integrated, bulge from surface of back cover
●	Uneven from surface of display front
-	Not Compatible

* High-end Speakers (SP-xxSM) are not compatible with Protective Glass (PG) Displays and ShadowSense (SST) Displays.

Slot-In Options | Compatibility

Model	Slot-in Option												
	Order Code	100013752	100013751	100013808	100013594	100013595	100012893	100012947	100013538	100013612	100013510	100013511	100013512
	Format	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS	Interface Extension		
	Slot Option	Celeron N2807 2 x 1.58 GHz	Celeron 2000E 2 x 2.2GHz	Core i3 4100E 2 x 2.4 GHZ	Core i5 4400E 2 x 2.7 GHz	Core i7 4700EQ 4 x 2.4 GHz	HD-SDI 1.5G	HD-SDI 3G	Digital Signage Player	HDBaseT Receiver	Analog Video Expansion Board	BNC Expansion Board	Digital Video Expansion Board
X464UNV-2	Compatibility	●	●	●	●	●	●	●	●	●	●	●	●
X464		●	●	●	●	●	●	●	●	●	●	●	●
X464UNS		●	●	●	●	●	●	●	●	●	●	●	●
X554UN-2		●	●	●	●	●	●	●	●	●	●	●	●
X555UNS		●	●	●	●	●	●	●	●	●	●	●	●
X555UNV		●	●	●	●	●	●	●	●	●	●	●	●
X401S (PG)		-	-	-	●	●	●	●	●	●	●	●	●
X462S (PG)		-	-	-	●	●	●	●	●	●	●	●	●
X552S (PG)		-	-	-	●	●	●	●	●	●	●	●	●
P403 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P463 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P553 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P703 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P801 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P403 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P463 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P553 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P703 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
P801 (PG,SST)*		●	●	●	●	●	●	●	●	●	●	●	●
V323-2 (PG)		●	●	●	●	●	●	●	●	●	-	-	-
V423 (TM)*		●	●	●	●	●	●	●	●	●	-	-	-
V463 (TM)*		●	●	●	●	●	●	●	●	●	-	-	-
V552 (TM)*		●	●	●	●	●	●	●	●	●	-	-	-
V652 (TM)*		●	●	●	●	●	●	●	●	●	-	-	-
V801 (TM)*		●	●	●	●	●	●	●	●	●	-	-	-
E325		●	●	●	●	●	●	●	●	●	-	-	-
E425		●	●	●	●	●	●	●	●	●	-	-	-
E505		●	●	●	●	●	●	●	●	●	-	-	-
E585		●	●	●	●	●	●	●	●	●	-	-	-
E654		●	●	●	●	●	●	●	●	●	-	-	-
E705 (SST)*		●	●	●	●	●	●	●	●	●	-	-	-
E805 (SST)*		●	●	●	●	●	●	●	●	●	-	-	-
E905 (SST)*		●	●	●	●	●	●	●	●	●	-	-	-
X474HB		●	●	●	●	●	●	●	●	●	-	-	-
X651UHD (SST)*		●	●	●	●	●	●	●	●	●	-	-	-
X841UHD (PG, SST)*		●	●	●	●	●	●	●	●	●	-	-	-
X981UHD (PG, SST)*		●	●	●	●	●	●	●	●	●	-	-	-

OPS Slot-In PC

OPS HD-SDI Board

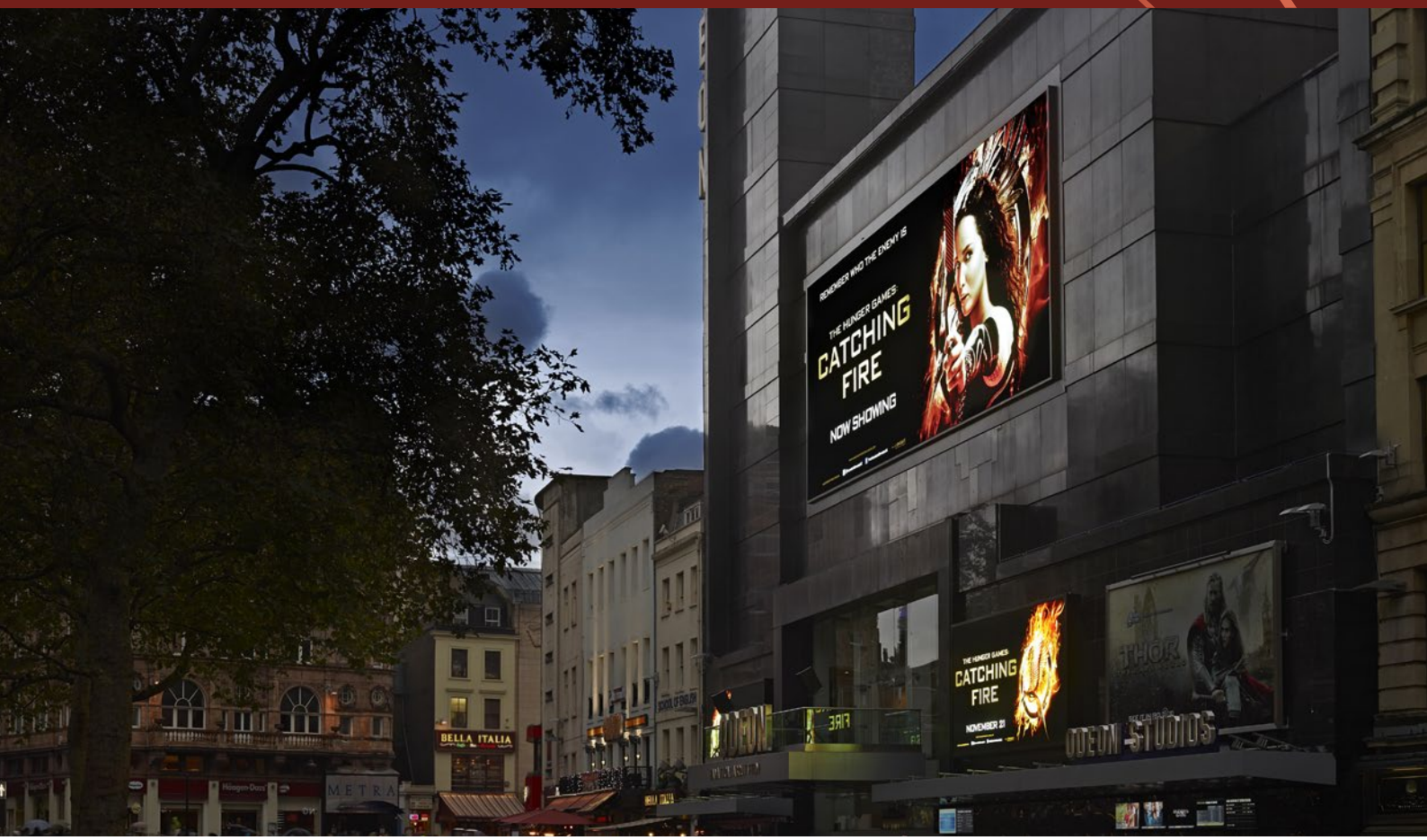
OPS Slot

Definitions

●	Compatible
-	Not Compatible

*Please note: Multi-touch is only supported by OPS PC's using Windows 7P. Windows 7 embedded does not support multi-touch.

LED Modules



Indoor and outdoor LED video wall modules enable creative attention grabbing walls of intensely bright images for the brightest environments and long distance viewing.

3 YEARS WARRANTY

UP TO 5 YEARS OPTIONAL WARRANTY

LED Modules

Indoor LED	Modular LED systems create stunning visuals, inspiring with a high-level to detail and perfect readability. Designed for low operational costs and high product longevity combined with a state of the art appearance.
Outdoor LED	Weather-protected LED systems to attract people with crisp and large images perfectly visible even from far viewing distances and under bright conditions.

Indoor

Combining ultimate visual experience with maximum versatility, the new indoor LED products provide crystal clear and extra sharp image quality. The LED LiFT fine pitch LED products ranging from 1,5 – 3,8mm are perfectly supporting any high definition content visualisation and can be installed for use in many areas including auditoriums, reception areas, retail stores, control rooms, museums, broadcasting, transportation hubs and meeting rooms. Minimised maintenance times and efforts are ensured thanks to its highly intelligent, front serviceable cabinet design.

The LED TiLE series LED products ranging from 2 – 10mm guarantee perfect readability in any lighting condition while minimising unnecessary power use and reducing the total cost of ownership. Thanks to an extremely flexible and lightweight design, the LED TiLE pixel cards fit almost every space and can be deployed in many different applications.

1.5mm to 10.0mm

LED Modules

Outdoor

The Outdoor LED systems shine bright in areas with high levels of ambient light and where the harsh environment of sunlight or rain would usually affect the performance. The wide range of outdoor products allows perfect readability from any viewing distance. Thanks to the highest flexibility in system modularity, there is almost no limitation in screen size. Low operational and maintenance costs and a high durability support a safe and future-proof investment, be it in transportation hubs, Digital out of Home (DooH), leisure and entertainment or mediatecture and digital surface applications.

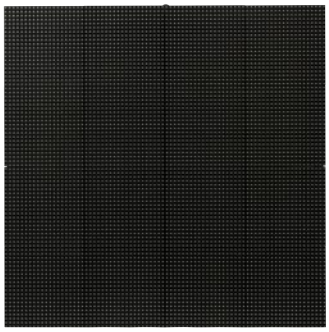
6mm to 20.0mm

LED Modules

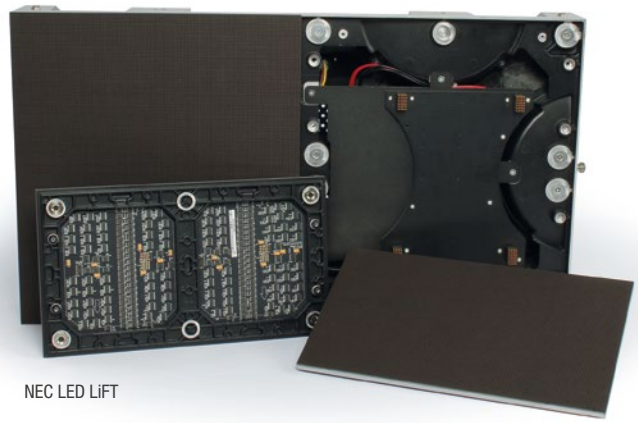
Indoor LED Modules

	LED04AF1	LED06AF1	LED06F1V	L015Si*	L019Si*	T020Si*
Order Code	60003654	60003000	60003557	60004139	60004123	60004126
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (White)	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD (Black)
Number of Pixel per m^2	45369	25600	25600	398892	277008	250000
Pixel Pitch [mm]	4.69	6.25	6.25	1.583	1.9	2
Brightness (typ.) [cd/m^2]	2000	2000	3000	900	900	1200
Contrast Ratio (typ.)	2000:1	3500:1	2000:1	3000:1	3000:1	3000:1
Colour Processing	14 bit	14 bit	14 bit	16 bit	16 bit	16 bit
Dimming Capability	64 level	64 level	64 level	100 level	100 level	100 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 19200 Hz	19200 Hz	19200 Hz	> 3000 Hz	> 3000 Hz	> 2000 Hz
Digital Inputs	Circular, DVI with RS-422	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	135W (Full White); 45W (50% grey)	235W (Full White); 75W (50% grey)	130W (Full White); 60W (50% grey)	720W max	720W max	900W max
Dimensions (W x H x D) [mm]	300 x 300 x 120	500 x 500 x 170	500 x 500 x 170	342 x 608 x 90	342 x 608 x 90	480 x 480 x 90
Weight per sqm [kg]	50	50.8	50.8	35.7	35.7	50
IP Level	IP2	IP20	IP20	IP30	IP30	IP21

	L023Si*	L038Si*	T040Si*	T060Si*	T100Si*
Order Code	60004124	60004125	60004127	60004128	
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD (Black)	3-in-1 SMD	3-in-1 SMD
Number of Pixel per m^2	178000	69570	62500	27777	10000
Pixel Pitch [mm]	2.375	3.8	4	6	10
Brightness (typ.) [cd/m^2]	1200	1200	1800	2000	3000
Contrast Ratio (typ.)	3000:1	3000:1	3000:1	3000:1	5000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
Dimming Capability	100 level	100 level	100 level	100 level	100 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 3000 Hz	> 3000 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	720W max	720W max	900W max	700W max	640W max
Dimensions (W x H x D) [mm]	342 x 608 x 90	342 x 608 x 90	512 x 512 x 160	480 x 480 x 160	960 x 960 x 160
Weight [kg]	35.7	35.7	50	50	50
IP Level	IP30	IP30	IP21		IP21



NEC LED TiLE



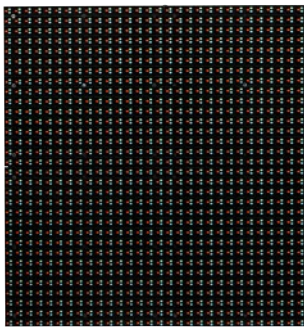
NEC LED LiFT

* Specification subject to change until launch

Outdoor LED Modules

	LED10BF1	LED15BF1	LED20BF1	T060Se*	T080Se*
Order Code	60003508	60003001	60003511	60004142	
Pixel Configuration	3-in-1 SMD (Black)	1R / 1G / 1B discrete LED	1R / 1G / 1B discrete LED	3-in-1 SMD	3-in-1 SMD
Number of Pixel per m^2	9216	4096	2304	27777	15625
Pixel Pitch [mm]	10.417	15.625	20.83	6	8
Brightness (typ.) [cd/m^2]	6000	7500	7500	6000	6000
Contrast Ratio (typ.)	4000:1	4500:1	4500:1	5000:1	5000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
Dimming Capability	64 level	64 level	64 level	100 level	100 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes
Refresh Rate	19200 Hz	19200 Hz	19200 Hz	> 4200 Hz	> 4200 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	145W (Full White); 65W (50% grey)	135W (Full White); 45W (50% grey)	135W (Full White); 45W (50% grey)	950W max	950W max
Dimensions (W x H x D) [mm]	500 x 500 x 190	500 x 500 x 190	500 x 500 x 188	1152 x 1152 x 210	1152 x 1152 x 210
Weight per sqm [kg]	51.2	56	54.4	50	50
IP Level	IP65	IP65	IP65	IP65	IP65

	T100Se*	T160Se*	T160SeD*	T200SeD*
Order Code	60004140			
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	DIP	DIP
Number of Pixel per m^2	10000	3906	3906	2500
Pixel Pitch [mm]	10	16	16	20
Brightness (typ.) [cd/m^2]	6000	6000	7000	6500
Contrast Ratio (typ.)	5000:1	6000:1	6000:1	6000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit
Dimming Capability	100 level	100 level	100 level	100 level
Gamma Correction	Yes	Yes	Yes	Yes
Refresh Rate	> 4200 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	950W max	850W max	750W max	650W max
Dimensions (W x H x D) [mm]	1280 x 960 x 210	1024 x 1024 x 210	1280 x 960 x 210	1280 x 960 x 210
Weight [kg]	50	50	50	50
IP Level	IP65	IP65	IP65	IP65



* Specification subject to change until launch

Software

Naviset Administrator 2

All-in-one support system for NEC products

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries.

For more detailed information please visit:
www.nec-display-solutions.com/naviset

Hiperwall Video Wall Solution

Video wall Content and Source Management Software

The preferred choice in mission critical application, such as command and control to show essential information, are video walls or numerous LFDs. It becomes more and more important to deal with big data in order to provide situational awareness.

Hiperwall - a software connecting to infinite output displays and unlimited numbers of sources - perfectly supports this. Based on a defined network, it offers scalability, eliminates pricy servers, matrix switches and distributors while enabling the user to simply determine both size and position of the content.

NEC Displaynote

Next Generation Interactive Learning

DisplayNote NEC Edition is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors and Large Format Displays to create the ideal collective presentation solution for learning establishments.

For more detailed information please visit:
www.displaynote-nec.com

Fieldanalyst

Anonymous Video Analytics (AVA)

FieldAnalyst software is based on facial detection. It automatically detects human presence while estimating age, gender, distance and viewing time, counting the number of people from anonymous images captured by video cameras. This is delivering a basis for staffing, providing feedback about advertising efforts by counting traffic or enabling dynamic adoption of digital signage content to address the target group actually present.

FieldAnalyst is providing the tool to create & measure successful communication base on real-time data – potentially connecting the offline world to be online.

leafengine

Context Aware Digital Signage with leafengine

To create smarter signage, it is necessary to consider the context: Has a product been picked-up to give additional information? Is there someone close to a display to get more details? Connecting sensors individually into digital signage proves to be a challenge for scalability.

The leafengine offers a single interface to a growing number of sensors: Engaging customers by delivering essential information and providing statistical data about customer presence and perception. A middleware enabling quick and scalable integration supporting digital signage to adopt the Internet of Things!

Vukunet

The Engine that Powers the DOOH Industry

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and delivering an advertising campaign. Developed by NEC, it forms part of a market leading suite of digital signage products and services.

For more detailed information please visit:
www.vukunet-nec.com

Projectors

Our award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications) as well as Digital Cinema projectors delivering the most exceptional image quality, brightness, resolution, contrast and colour together with a wealth of new revenue generation opportunities.

Education

With a traditional focus on Education, many of our projectors include special education warranties and solutions bundled with free software that helps you get connected, share content or maintain control when the remote is lost!

More information on NEC Education Solutions:
www.education-nec.com

3 YEARS WARRANTY

UP TO 5 YEARS OPTIONAL WARRANTY

Mobile Projectors

L Series	Ideal for presentation on the move, ultra-light weight and elegant
V Series	For classrooms, small meeting rooms, private/professional and mobile

Desktop Projectors

M Series	Suited for classrooms and small to medium sized meeting rooms

Short Throw Projectors

M Series	Suited for classrooms and small to medium sized meeting rooms.

Ultra Short Throw Projectors

U-UM-UMi	For meeting rooms and digital signage applications, as well as for classrooms where space is at a premium

Professional Projectors

P Series	Best solution for larger meeting rooms and university lecture halls
M Series	Suited for classrooms and small to medium sized meeting rooms

Installation Projectors

PA Series	Ideal for corporate, high education and rental.
PX Series	Rental / staging, large corporate, high education, conference room, museums
PH Series	Best solution for rental/staging, high education and digital signage museums

Digital Cinema Projectors

NC Series	Cinema projectors for multi-national chains and single venues

Mobile Projectors

Compact, lightweight projectors with attractive design. Ideal for mobile presentation or desktop applications.

1000 - 3300 ANSI Lumen

L102W LED

V Series

Desktop Projectors

Flexible and professional desktop projectors – predestined for business and educational use.

2700 - 4000 ANSI Lumen

M Series

Short-Throw Projectors

Short-throw lens eliminates the shadows and glare caused by traditional front projection systems and helps to free up space.

3000 - 3500 ANSI Lumen

M Series

Professional Projectors

The award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications). Excellent brightness and attractive price/performance ratio.

2700 - 5000 ANSI Lumen

M Series

P Series

Installation Projectors

Projectors for multiple business applications – with excellent brightness and connectivity. Ideal for fixed installation purposes.

5200 - 13500 ANSI Lumen

PA Series

PH Series

PX Series

Ultra-Short-Throw Projectors

Projectors offering ultra-short throwing distance, 3D ready and low cost of ownership for corporate and educational applications in classrooms and (small) meeting rooms – ideal for interactive whiteboards.

3000 - 3600 ANSI Lumen

U Series

UM Series

L Series | Mobile **V Series** | Mobile

	L102W LED	V230X	V260	V302H	V332W	V302W	V332X	V302X
Order Code	60003452	60003177	60003176	60003897	60003896	60003895	60003894	60003893
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	16:10	4:3	4:3	16:9	16:10	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	1000	2300	2600	3000	3300	3000	3300	3000
Contrast Ratio	10000:1	2000:1	2000:1	8000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.4:1	1.95 – 2.15:1	1.95 – 2.15:1	1.50 - 1.80:1	1.55 - 1.70:1	1.55 - 1.70:1	1.95 - 2.15:1	1.95 - 2.15:1
Projection Distance [m]	0.52 – 3	1.2 – 13	1.2 – 13	1.3 - 12	1 - 11	1 - 11	1.2 – 13	1.2 – 13
Projection Angle [°]	13.8	12.8 - 14.0	12.8 - 14.0	11.7 - 14.0	13 - 14.2	13 - 14.2	12.8 - 14.0	12.8 - 14.0
Screen Size (cm / inch)	min: 43.2 / 17 max: 254 / 100	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300
Zoom / Focus	Digital / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	HDMI, SD Card, RGB in, optional WLAN, USB A, Mini-USB, Video, Audio In/Out	RGB: In/Out, PC Control, Video, S-Video, Audio In		2 HDMI, RGB: In/Out, Video, LAN, PC Control, USB B, Audio: 3 In, 1 Out				
Power Use [W AC] High Bright / Normal / Power-Saving	107 / 84 / 0.5	233 / 210 / 0.8	233 / 210 / 0.8	266 / 207 / 0.5	263 / 204 / 0.5	237 / 194 / 0.5	263 / 204 / 0.5	237 / 198 / 0.5
Lamp Life Normal / ECO [hrs.]	LED Light Source	3500 / 5000	3500 / 5000	3500 / 6000	3500 / 6000	4500 / 6000	3500 / 6000	4500 / 6000
Dimensions (W x H x D) [mm]	238 x 44 x 177	310 x 95 x 247	310 x 95 x 247	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250
Weight [kg]	1.36	2.5	2.5	2.9	2.8	2.7	2.8	2.7
Speakers (mono) [W]	1 x 2	1 x 7	1 x 7	1 x 8	1 x 8	1 x 8	1 x 8	1 x 8
TCO	●	●	-	-	-	-	-	-
Education Warranty Available	-	-	-	●	●	●	●	●
NaViSet Administrator 2	●	●	●	●	●	●	●	●

M Series | Desktop

	M271X	M311X	M311W	M322H	M323X	M323W	M363X
Order Code	60003404	60003405	60003407	60003888	60003973	60003972	60003980
Projection Technology	3LCD	3LCD	3LCD	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	4:3	4:3	16:10	16:9	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2700	3100	3100	3200	3200	3200	3600
Contrast Ratio	3000:1	3000:1	3000:1	8000:1	10000:1	10000:1	10000:1
Projection Factor	1.3 – 2.2:1	1.3 – 2.2:1	1.3 – 2.2:1	1.2 – 2.1:1	1.5 – 2.5:1	1.2 – 2.04:1	1.5 – 2.5:1
Projection Distance [m]	0.6 – 13.8	0.6 – 13.8	0.7 – 14.7	0.74 – 14.08	0.89 - 15.93	0.75 - 13.49	0.89 - 15.93
Projection Angle [°]	6.5 – 11.4	6.5 – 11.4	6.5 – 11.4	9.9 - 17.9	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6
Screen Size (cm / inch)	min: 63.5 / 25 max: 762 / 300	min: 63.5 / 25 max: 762 / 300	min: 63.5 / 25 max: 762 / 300	min: 76.2 7 30 max: 762 / 300	min: 76.2 7 30 max: 762 / 300	min: 76.2 7 30 max: 762 / 300	min: 76.2 7 30 max: 762 / 300
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	HDMI, RGB: 2 In, 1 Out, Video, S-Video, 2 LAN, optional WLAN, USB A, USB B, PC Control, Audio: 3 In, 1 Out		HDMI, RGB: 2 In, 1 Out, Video, S-Video, LAN, optional WLAN, 2 USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	239 / 193 / 172 / 0.4	239 / 193 / 172 / 0.4	302 / 236 / 211 / 0.4	335 / 278 / 246 / 0.4	283 / 218 / 186 / 0.4	283 / 218 / 186 / 0.4	316 / 240 / 205 / 0.4
Lamp Life Normal / ECO [hrs.]	6000 / 10000	6000 / 10000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	367 x 107 x 291	367 x 107 x 291	367 x 107 x 291	367 x 97 x 285
Weight [kg]	2.99	2.99	2.99	3.7	3.4	3.4	3.5
Speakers [W]	1 x 10	1 x 10	1 x 10	1 x 20	1 x 20	1 x 20	1 x 20
TCO	-	-	●	-	-	-	●
Education Warranty Available	●	●	●	●	●	●	●

M Series | Desktop

M Series | Short Throw

	M363W	M403X	M403W	M403H	M302WS	M333XS	M353WS
Order Code	60003976	60003979	60003978	60003977	60003578	60003580	60003975
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	16:10	4:3	16:10	16:9	16:10	4:3	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3600	4000	4000	4000	3000	3300	3500
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.2 – 2.04:1	1.5 – 2.5:1	1.2 – 2.04:1	1.2 – 2.1:1	0.45:1	0.56:1	0.45:1
Projection Distance [m]	0.76 – 13.53	0.89 - 15.93	0.75 - 13.49	0.74 – 14.08	0.56 – 1.48	0.68 – 1.76	0.57 – 1.48
Projection Angle [°]	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6	9.9 - 17.9	40.7 - 40.9	40.7 - 40.8	40.7 - 40.9
Screen Size (cm / inch)	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300		min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual		Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync		
Power [W AC] Hi-Bright / Normal /ECO / Power-Saving	316 / 240 / 205 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	286 / 224 / 202 / 0.4	338 / 276 / 221	335 / 278 / 246 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5500 / 8000
Dimensions (W x H x D) [mm]	367x 97 x 285	367 x 97 x 285	367 x 97 x 285	367 x 97 x 285	368 x 97 x 286	367 / 133 / 291	367 / 133 / 291
Weight [kg]	3.5	3.5	3.5	3.7	3.6	3.7	3.6
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	●	●	●	●	●

U | UM | UMI Series | Ultra-Short-Throw

	U321H	U321Hi-MT	U321Hi-MP	UM351W	UM-351Wi-MT	UM-351Wi-MP	UM-352Wi-MT	UM-352Wi-MP
Order Code	60003952	60003945	60003944	60003842	60003941	60003910	60003955	60003889
Projection Technology	DLP™	DLP™	DLP™	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:9	16:9	16:9	16:10	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3200	3200	3200	3500	3500	3500	3500	3500
Contrast Ratio	10000:1	10000:1	10000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.25:1	0.25:1	0.25:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.195 - 0.306	0.195 - 0.306	0.195 - 0.306	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51
Projection Angle [°]	57	57	57	49.2	49.2	49.2	49.2	49.2
Screen Size (cm / inch)	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B Audio 3 In, 1 Out, Micro In			2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B Audio 3 In, 1 Out, Micro In	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	326 / 261 / 216 / 0.5	326 / 261 / 216 / 0.5
Lamp Life Normal / ECO [hrs.]	3000 / 4000	3000 / 4000	3000 / 4000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000
Dimensions (W x H x D) [mm]	383 x 85 x 308	383 x 85 x 308	383 x 85 x 308	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	4.7	4.7	4.7	5.6	5.6	5.6	5.6	5.6
Speakers [W]	1 x 8	1 x 8	1 x 8	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	●	●	●	●	●	●
Multi-Touch	-	●	-	-	●	-	●	-
Multi-Pen	-	-	●	-	-	●	-	●

UM | UMI Series | Ultra-Short-Throw

	UM301W	UM301Wi-MT	UM301Wi-MP	UM361X	UM361Xi-MP	UM301X	UM301Xi-MP
Order Code	60003840	60003940	60003908	60003843	60003911	60003841	60003909
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	4:3	4:3	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	3000	3000	3000	3600	3600	3000	3000
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51
Projection Angle [°]	49.2	49.2	49.2	53.1	53.1	53.1	53.1
Screen Size (cm / inch)	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In						
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 6000	5000 / 6000	5000 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.5	5.5	5.5	5.6	5.6	5.5	5.5
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	●	●	●	●	●
Multi-Touch	-	●	-	-	-	-	-
Multi-Pen	-	-	●	-	●	-	●

P Series | Professional

	P451W	P501X	P502H	P502W	P502HL
Order Code	60003449	60003450	60003901	60003900	60003694
Projection Technology	3LCD	3LCD	DLP™	DLP™	DLP™
Aspect Ratio	16:10	4:3	16:9	16:10	16:9
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080	1920 x 1080
Brightness [ANSI Lumen]	4500	5000	5000	5000	5000
Brightness in ECO Mode [approx. %]	80	80	80	80	80*
Contrast Ratio	4000:1	4000:1	6000:1	6000:1	15000:1
Lens [mm]	F= 1.7 – 2.2, f= 17.4 – 29.0	F= 1.7 – 2.2, f= 17.4 – 29.0	F= 2.0-2.5, f= 18.2 - 31.1	F= 2.0-2.5, f= 18.2 - 31.1	F= 2.0-2.5, f= 18.2 - 31.1
Lens: optional bayonet lenses	No optional lens	No optional lens	No optional lens	No optional lens	No optional lens
Projection Factor (std. option)	1.3 – 2.2:1	1.3 – 2.2:1	1.24 – 2.11 : 1	1.3 – 2.21 : 1	1.24 - 2.1:1
Projection Distance [m]	0.7 – 14.6	0.6 – 13.8	0.8 - 14.5	0.8 - 14.5	0.8 - 14.2
Screen Size (cm / inch)	min.: 64 / 25 max.: 762 / 300	min.: 64 / 25 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300
Lens Adjustment	Manual	Manual	Manual	Manual	Manual
Connectivity	2 HDMI, RGB In/Out, S-Video, PC Control, RCA In, 2 USB A, USB B, LAN, optional WLAN, Audio: 2 In, 1 Out, Micro In		2 HDMI, HDBaseT, RGB In/Out, PC Control, RCA In, 2 USB A, USB B, HDBA, LAN, optional WLAN, Audio: 2 In, 1 Out, 3D Sync		
Power [W AC] Standard / ECO / Power-Saving	292 / 231 / 0.4	292 / 231 / 0.4	305 / 366 / 445	305 / 366 / 445	442 / 347 / 0.3
Lamp Power: Normal / ECO [W / UHP AC]	270 / 163	270 / 163	375 / -	375 / -	Laser Light Source
Lamp Life: Hi Br / Normal / ECO [hrs.]	3500 / 4000 / 6000	3500 / 4000 / 6000	5000 / 4000 / 3000	5000 / 4000 / 3000	20000
Dimensions (W x H x D) [mm]	398 x 115 x 282	398 x 115 x 282	362 / 129 / 302	362 / 129 / 302	469 x 137 x 365
Weight [kg]	4.1	4.1	5.2	5.2	8.8
Speakers [W]	1 x 16	1 x 16	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	-	-	-

PA Series | Professional Advanced

	PA621U	PA671W	PA622U	PA522U	PA672W	PA572W	PA722X
Order Code	60003661	60003660	60003444	60003640	60003445	60003641	60003446
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	16:10	16:10	16:10	4:3
Native Resolution	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	6200	6700	6200	5200	6700	5700	7200
Brightness in ECO Mode [approx. %]	80	80	80	80	80	80	80
Contrast Ratio	6000:1	6000:1	6000:1	5000:1	6000:1	5000:1	5000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses	6	6	6	6	6	6	6
Projection Factor (std. option)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)
Projection Distance [m]	0.7 (NP11FL) 76.4 (NP15ZL)		0.7 (NP11FL) 76.4 (NP15ZL)		0.7 (NP11FL) 76.4 (NP15ZL)		
Screen Size (cm / inch)	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Connectivity	HDMI: 2 In, 1 Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In			HDMI: 2 In, 1 Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In		HDMI: 2 In, 1 Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, PC Control, USB A, Audio: 6 In, 1 Out, 3D Sync, Remote In	
Power [W AC] Standard / ECO / Power-Saving	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16
Lamp Power: Normal / ECO [W / UHP AC]	350 / 264	350 / 264	350 / 264	330 / 264	350 / 264	330 / 264	350 / 264
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000
Dimensions (W x H x D) [mm]	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359
Weight [kg]	8.4	8.4	8.4	8.4	8.4	8.4	8.4
Speakers [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
Education Warranty Available	-	-	-	-	-	-	-

* Brightness in Normal Mode [approx. %]

	PX700W	PX750U	PX800X	PX803UL	PX602UL	PX602WL	PH1400U	PH1201QL	PH1202HL
Order Code	60003828	60003829	60003830	60004004 (BK), 60004010 (WH)	60003795 (BK), 60003695 (WH)	60003794 (BK), 60003696 (WH)	60003442	60003698	60003902
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™	3-chip DLP™ Technology	DC4K Chip - DLP™ Technology	3-chip DLP™ Technology
Aspect Ratio	16:10	16:10	4:3	16:10	16:10	16:10	16:10	19:10	16:10
Native Resolution	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	4096 x 2160 (4K)	1920 x 1080 (1080p)
Brightness [ANSI Lumen]	7000	7500	8000	8000	6000	6000	13500	12000	12000
Brightness in ECO Mode [approx. %]	80	80	80	80	80	80	75	85	75
Contrast Ratio (DB™ = with DynamicBlack™)	2100:1 DB™	2100:1 DB™	2100:1 DB™	10000:1	10000:1	10000:1	2000:1	2000:1	10000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	7 (6 with LM)	7 (6 with LM)	7 (6 with LM)	8 (6 with LM)	5	5	7 (6 with LM)	9 with LM	6 with LM
Projection Factor (std. option)	0.76:1 & 1.25 - 8.3:1	0.76:1 & 1.25 - 8.3:1	0.76:1 & 1.25 - 8.3:1	depending on lens selection	0.75:1 - 5.50:1	0.79:1 - 5.78:1	0.67:1 & 0.9 - 6.96:1	0.9:1 & 1.13:1 - 7.4:1	0.9:1 - 6.76:1
Projection Distance [m]	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.02 – 19.39	1.02 – 19.39	1.1 (NP25FL) 74 (NP29ZL)	depending on lens selection	depending on lens selection
Screen Size (cm / inch)	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 760 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 203 / 80 max.: 1720 / 500	min.: 203 / 80 max.: 1720 / 500	min.: 152 / 60 max.: 1524 / 600
Lens Adjustment	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised
Connectivity	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, Remote in	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, Remote in	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, Remote in	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	HDMI In/Out, DP, HDBaseT RGB: 2 In, S-Video,Video LAN, USB A, PC Control, OPS Slot, Remote In	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, 3D Sync Out/In, 3D DVI In, Remote in	2 HDMI, 2 DVI-D, 4 3G-SDi	HDMI In/Out, DP, HDBaseT, 2 RGB In, Video, S-Video, LAN, USB A, PC Control, 3D Sync Out, OPS slot
Power [W AC] Standard / ECO / Power-Saving	494 / 405 / 0.4	515 / 429 / 0.4	489 / 404 / 0.4	850 / 446 / 0.27	550 / 270 / <0.5	550 / 270 / <0.5	705 / 585 / 0.5	1600 / - / -	1392 / 752 / 0.5
Lamp Power: Normal /ECO [W / UHP AC]	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	Laser Light Source	Laser Light Source	Laser Light Source	2 x 465 / 2 x 365	Laser Light Source	
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 2000 / 2500	- / 2000 / 2500	- / 2000 / 2500	20000	20000	20000	- / 2500 / 3000	20000	- / 20000 / 30000
Dimensions (W x H x D) [mm]	504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	500 x 205 x 580	484 x 195 x 509	484 x 195 x 509	558 x 235 x 578	700 x 323 x 935	680 x 333 x 860
Weight [kg]	19.7	19.7	19.7	28	18.5	18.5	39	67.5	68

Upgrade Options

Option Boards for PX & PH Series

Slot Option	Format	Order Code
Celeron N2807 2 x 1.58 GHz	OPS	100013752
Celeron 2000E 2 x 2.2 GHz	OPS	100013751
Core i3 4100E 2 x 2.4 GHz	OPS	100013808
Core i5 4400E 2 x 2.7 GHz	OPS	100013594
Core i7 4700EQ 4 x 2.4 GHz	OPS	100013595
HD-SDI Internal 1.5G	OPS	100012893
HD-SDI Internal 3G	OPS	100012947
OPS Digital Signage Player	OPS	100013538
HDBaseT Receiver	OPS	100013612
HDBaseT Sender	ext.	100013613

OPS SLOT-IN PC

OPS HD-SDI BOARD

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Digital Cinema

	NC900C	NC1200C	NC1201L	NC2000C	NC3200S	NC3240S	NC1040L	NC1440L	NC1100L
Order Code	60003356	60002948	60003926	60002815	60002816	60003070	60003623	60003664	60003700
DMD	DC Chip DLP Technology								
Screen Sizes	up to 9.5 m	up to 14 m	up to 12 m	up to 20 m	up to 32 m	up to 32 m	up to 9.5 m	up to 14 m	up to 11 m
Light Source	350 W x 2 NSH Lamps	max 2.0KW	Laser Light Source	max 4.0KW	max. 7.0KW	max. 7.0KW	External laser light source connected by fiber tube	External laser light source connected by fiber tube	Laser Light Source
Contrast Ratio (full on/off)	> 1800:1	> 2200:1	> 1650:1	> 2200:1	> 2200:1	> 2200:1	> 2000:1	> 2000:1	> 1750:1
DMD Specifications	2K, 0.69" DLP	2K, 0.98" DLP	2K, 0.69'' DLP	2K, 1.25" DLP	2K, 1.25" DLP	4K, 1.38" DLP	4K, 1.38" DLP	4K, 1.38" DLP	2K, 0.69" DLP
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom
Dimension (W x H x D) [mm]	621 x 314 x 798	700 x 503 x 990	680 x 333 x 860	700 x 503 x 990	700 x 503 x 1,124	700 x 503 x 1,124	737 x 364 x 1,042	737 x 364 x 1,042	737 x 364 x 1,042
Cooling Method	No Air Duct	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	No Air Duct	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM		Liquid Cooling inside, air cooling with dust preventing electrostatic filter; No Air Duct	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; No Air Duct	No Air Duct

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