

Lenovo B40-30 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processors, Intel® Pentium® Processors, or 4th Generation Intel® Core™ i3 / i5 / i7 Processors						Dimensions	WxDxH with stand: 20.90" X 8.07" X 17.15"; 530.8mm X 205mm X 435.7mm																																												
	<table><tr><th>Processor</th><th>Cores / Threads</th><th>Frequency (Base/Max)</th><th>Cache</th><th>Memory Types</th><th>Integrated Graphics</th></tr><tr><td>Celeron G1820T</td><td>2 / 2</td><td>2.4 GHz</td><td>2 MB</td><td>DDR3-1333</td><td rowspan="4">Intel HD Graphics</td></tr><tr><td>Celeron G1840T</td><td>2 / 2</td><td>2.5 GHz</td><td>2 MB</td><td>DDR3-1333</td></tr><tr><td>Pentium G3240T</td><td>2 / 2</td><td>2.7 GHz</td><td>3 MB</td><td>DDR3-1333</td></tr><tr><td>Pentium G3250T</td><td>2 / 2</td><td>2.8 GHz</td><td>3 MB</td><td>DDR3-1333</td></tr><tr><td>Core i3-4150T</td><td>2 / 4</td><td>3.0 GHz</td><td>3 MB</td><td>DDR3-1600</td><td rowspan="2">Intel HD Graphics 4400</td></tr><tr><td>Core i3-4160T</td><td>2 / 4</td><td>3.1 GHz</td><td>3 MB</td><td>DDR3-1600</td></tr><tr><td>Core i5-4460T</td><td>4 / 4</td><td>1.9 GHz / 2.7 GHz</td><td>6 MB</td><td>DDR3-1600</td><td rowspan="2">Intel HD Graphics 4600</td></tr><tr><td>Core i7-4785T</td><td>4 / 8</td><td>2.2 GHz / 3.2 GHz</td><td>8 MB</td><td>DDR3-1600</td></tr></table>	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Celeron G1820T	2 / 2	2.4 GHz	2 MB	DDR3-1333	Intel HD Graphics	Celeron G1840T	2 / 2	2.5 GHz	2 MB	DDR3-1333	Pentium G3240T	2 / 2	2.7 GHz	3 MB	DDR3-1333	Pentium G3250T	2 / 2	2.8 GHz	3 MB	DDR3-1333	Core i3-4150T	2 / 4	3.0 GHz	3 MB	DDR3-1600	Intel HD Graphics 4400	Core i3-4160T	2 / 4	3.1 GHz	3 MB	DDR3-1600	Core i5-4460T	4 / 4	1.9 GHz / 2.7 GHz	6 MB	DDR3-1600	Intel HD Graphics 4600	Core i7-4785T	4 / 8	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600	Weight (net)	Non-touch model: 17.44 lb (7.912 kg); Touch model: 18.15 lb (8.234 kg)
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		Celeron G1820T	2 / 2	2.4 GHz	2 MB	DDR3-1333	Intel HD Graphics																																													
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Case color	Black or silver																																																			
Stand	Adjustable monitor stand, from -5° forward to 45° back																																																			
VESA mount	None																																																			
Multicard reader	6-in-1 reader (SD, SDHC, SDXC, MMC, MS, MS-Pro)																																																			
Ports	Rear: USB 2.0 x 3, Ethernet (RJ-45), HDMI-out, HDMI-in (optional), TV-in (optional) Side: USB 3.0 x 2, card reader, microphone (3.5mm), headphone (3.5mm)																																																			
TV tuner	Optional DVB-T TV tuner, PCIe Mini card																																																			
Camera	1080p HD, 2.0-megapixel, resolution, fixed focus, digital microphone																																																			
Audio support	High Definition (HD) Audio, Realtek ALC282-CG / internal speakers (3 watt x 2), digital microphone																																																			
Keyboard	Some: USB keyboard, full-size, 6-row, Fn keys, black Some: 2.4G wireless keyboard, full-size, 6-row, Fn keys, black or silver																																																			
Mouse	Some: USB optical wheel mouse, black Some: Primax M300 USB gesture mouse, black Some: 2.4G wireless laser wheel mouse, black or silver Some: 2.4G wireless laser mouse ZTM600, 1200dpi, silver																																																			
Remote control	Optional IR remote controller for TV featured model																																																			
Security	Power-on password, hard disk password, supervisor password, security keyhole																																																			
Security chip	None																																																			
Power supply	120 watts adapter, 100V-240V																																																			
Limited warranty	Some: 1-year, limited onsite service / service upgrades available Some: 1-year or 2-year, depot service / service upgrades available																																																			
Preload	Windows® 8.1 64-bit Preinstalled software includes but not limited to the following: • Lenovo® Rescue System • CyberLink Power DVD • Lenovo Motion Control • Lenovo Education Games • Dolby® Advanced Audio™ • Lenovo® Support • McAfee® LiveSafe™ (30-day trial)																																																			
Environment	RoHS-compliant																																																			

Graphics	Some: Intel HD Graphics or Intel HD Graphics 4400 or 4600 only, integrated in processor Some: NVIDIA® GeForce® 820A, 1GB or 2GB memory, DirectX 11					
Chipset	Intel H81 chipset					
Memory	16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets					
Display	21.5" (546.1mm) FHD (1920x1080) color, LED backlight, IPS display, frameless 16:9 aspect ratio, 250 nits, 1000:1 contrast ratio Optional: Projected Capacitive Touch (PCT) technology, supports 10-point touch					
Multi-touch	None					
Light sensor	None					
Controls	Power button, Optical drive eject button, mode switch (PC mode / HDMI-in switch for selected model)					
Disk	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm, Solid State Hybrid drive (SSHD) with 8GB MLC NAND flash memory					
SATA Controller	Serial ATA, SATA 6.0Gb/s support					
Optical	SATA ODD with DVD±RW, 9.5mm slim tray-in					
PCIe Mini Card	Two PCIe Mini Card slots (1 for Tv Tuner, 1 for WLAN)					
Ethernet	Gigabit Ethernet connection					
WLAN	Some: 11b/g/n wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter Some: 11ac wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter					
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter					
NFC	None					