

Lenovo B50-30 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® Processors or 4th Generation Intel® Core™ i3 / i5 / i7 Processors						Dimensions Weight (net) Case color Stand VESA mount Multicard reader Ports TV tuner Camera Audio support Keyboard Mouse Remote control Security Security chip Power supply Limited warranty Preload Environment	<i>WxDxH with stand:</i> 22.87" X 8.07" X 18.5"; 581mm X 204.9mm X 470mm <i>Non-touch model:</i> 18.96 lb (8.6 kg); <i>Touch model:</i> 19.82 lb (8.99 kg) Black or silver Adjustable monitor stand, from -5° forward to 45° back None 6-in-1 reader (SD, SDHC, SDXC, MMC, MS, MS-Pro) <i>Rear:</i> USB 2.0 x 3, Ethernet (RJ-45), HDMI-out, HDMI-in (optional), TV-in (optional) <i>Side:</i> USB 3.0 x 2, card reader, microphone (3.5mm), headphone (3.5mm) Optional DVB_T TV tuner, PCIe Mini card <i>Some:</i> 1080p HD, 2.0-megapixel, resolution, fixed focus, combo array mic <i>Some:</i> Intel 3D camera with voice recognition, 1080p HD, combo array mic High Definition (HD) Audio, Realtek ALC282-CG / JBL speakers (3 watt x 2), 2.0 channel, Dolby® Home Theater™, dual array microphone <i>Some:</i> USB keyboard, full-size, 6-row, Fn keys, black <i>Some:</i> 2.4G wireless keyboard, full-size, 6-row, Fn keys, black or silver <i>Some:</i> USB optical wheel mouse, black <i>Some:</i> Primax M300 USB gesture mouse, black <i>Some:</i> 2.4G wireless laser wheel mouse, black or silver Optional IR remote controller for TV featured model Power-on password, hard disk password, supervisor password, security keyhole None Internal150 or 180 watts PSU, 100V-240V <i>Some:</i> 1-year, limited onsite service / service upgrades available <i>Some:</i> 1-year or 2-year, depot service / service upgrades available 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® Home Theater™ • Multitouch Games (multitouch models only) • McAfee® LiveSafe™ (30-day trial) RoHS-compliant
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics		
	Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD Graphics		
	Pentium G3250	2 / 2	3.2 GHz	3 MB	DDR3-1333			
	Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	Intel HD Graphics 4400		
	Core i3-4160	2 / 4	3.6 GHz	3 MB	DDR3-1600			
	Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	Intel HD Graphics 4600		
	Core i5-4460T	4 / 4	1.9 GHz / 2.7 GHz	6 MB	DDR3-1600			
	Core i7-4785T	4 / 4	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600			
Core i7-4790S	4 / 8	3.2 GHz / 4.0 GHz	8 MB	DDR3-1600				
Graphics	<i>Some:</i> Intel HD Graphics or Intel HD Graphics 4400 or 4600 only, integrated in processor <i>Some:</i> NVIDIA® GeForce® 820A, 1GB or 2GB memory, DirectX 11 <i>Some:</i> NVIDIA® GeForce® 840A, 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	23.8" (604.5mm) FHD (1920x1080) color, LED backlight, IPS display, frameless 16:9 aspect ratio, 250 nits, 1000:1 contrast ratio <i>Optional:</i> Projected Capacitive Touch (PCT) technology, supports 10-point touch							
Multi-touch	None							
Light sensor	Power button, Optical drive eject button, mode switch (PC mode / HDMI-in switch for selected model)							
Controls								
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> 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	<i>Some:</i> 11b/g/n wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter <i>Some:</i> 11ac wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter							
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
NFC	Optional Near Field Communications (NFC)							