

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	WxDxH with stand: 22.87" X 8.07" X 18.5"; 581mm X 204.9mm X 470mm Non-touch model: 18.96 lb (8.6 kg); Touch model: 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) 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) Optional DVB_T TV tuner, PCIe Mini card Some: 1080p HD, 2.0-megapixel, resolution, fixed focus, combo array mic Some: 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 Some: USB keyboard, full-size, 6-row, Fn keys, black Some: 2.4G wireless keyboard, full-size, 6-row, Fn keys, black or silver Some: USB optical wheel mouse, black Some: Primax M300 USB gesture mouse, black Some: 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 Internal 150 or 180 watts PSU, 100V-240V Some: 1-year, limited onsite service / service upgrades available Some: 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 Power2Go • Lenovo Motion Control • Lenovo Education Games • Dolby® Home Theater™ • Multitouch Games (multitouch models only) • McAfee® LiveSafe™ (30-day trial)
	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	Intel HD Graphics		
	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	Intel HD Graphics 4400		
	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	Intel HD Graphics 4600		
Core i7-4785T	4 / 4	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600	Intel HD Graphics 4600			
Core i7-4790S	4 / 8	3.2 GHz / 4.0 GHz	8 MB	DDR3-1600	Intel HD Graphics 4600			
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 Some: 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							
Multi-touch	Optional: Projected Capacitive Touch (PCT) technology, supports 10-point touch							
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	Optional Near Field Communications (NFC)							