Lenovo B750 Platform Specifications

Product Specifications Reference (PSREF)

Processor

4th Generation Intel® Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	Intel HD Graphics 4400
Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	
Core i5-4460	4 / 4	3.2 GHz / 3.4 GHz	6 MB	DDR3-1600	Intel HD Graphics 4600
Core i7-4770	4 / 8	3.4 GHz / 3.9 GHz	8 MB	DDR3-1600	
Core i7-4790	4 / 8	3.6 GHz / 4.0 GHz	8 MB	DDR3-1600	

Graphics

Some: Intel HD Graphics 4400 or 4600 only, intergrated in processor
Some: Intel HD Graphics in process and NVIDIA® GeForce® GTX 760A, 1GB memory, DirectX 11

Chipset

Intel B85 chipset

Memory

16GB max / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

Display

29" (736.6mm) Wide Full HD (2560x1080), LED backlight, IPS display, 21:9 super-widescreen frameless, 250 nits, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 89°; vertical: +/- 89°)

Multi-touch

None

Light sensor

None

Controls

Power button, volume up / down button, brightness up / down button, monitor on/off button, optical drive eject button, PC mode / HDMI-in switch

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 Blu-ray burner or DVD±RW, 9.5mm slim tray-in

Ethernet

Gigabit Ethernet connection, Realtek RTL8111G

WLAN

802.11b/g/n wireless, 2x2, Wi-Fi + Bluetooth 4.0 combo adapter

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

NFC

None

Dimensions

WxDxH with stand: 28.74" X 17.89" X 8.88"; 730mm X 454.5mm X 225.6mm

Weight (net)

28.66 lb (13 kg)

Case color

Black

Stand

Adjustable monitor stand, from -5° forward to 25° backward

VESA mount

None

Multicard reader

6-in-1 reader (SD, SDHC, SDXC, MMC, MS, MS-Pro)

Ports

Rear: USB 3.0 x 2, USB 2.0 x 2, Ethernet (RJ-45), HDMI-out, HDMI-in, 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

720p HD, 2.0-megapixel, resolution, fixed focus, combo array microphone

Audio support

JBL stereo speakers (3 watt x 4) with 20W (10 watt x 2) subwoofer, 2.1 channel, Dolby® Home Theater™ V4, dual array microphone

Keyboard

2.4G wireless keyboard, full-size, 6-row, Fn keys, black

Mouse

2.4G wireless optical/ laser wheel mouse, black

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

250 watts PSU, full range 110V / 220V

Limited warranty

1-year or 2-year, limited service / service upgrades available

Preload

Windows® 8 64-bit or Windows® 8.1 64-bit
Preinstalled software includes but not limited to the following:

- Lenovo® Rescue System
- CyberLink Power DVD
- Lenovo Motion Control
- Lenovo Split Screen
- Lenovo Eye Distance System
- Lenovo Assistant
- Lenovo Dynamic Brightness
- Lenovo Support
- Dolby® Home Theater
- FilmOn

Environment

RoHS-compliant

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