

Lenovo H30-50 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processors, Intel Pentium® Processors, or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Security features	• Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Keyboard Mouse	Full-size keyboard (USB or 2.4G wireless) on selected models, Fn keys, black Lenovo Multi-function Mouse M300, 2.4G wireless, or Lenovo USB optical mouse on selected models
	Celeron G1820	2 / 2	2.7 GHz	2 MB	DDR3-1333	Intel HD		
	Celeron G1840	2 / 2	2.8 GHz	3 MB	DDR3-1333	Intel HD	Mechanical	• Mini Tower (11L), black color • Dimensions (WxDxH): 4.1" x 15.7" x 12.1"; 105mm x 399mm x 308mm • Weights (net weight): 13.0 lb (5.9 kg), vary by configuration • Optional system fan for additional system cooling Bay 1: 5.25", 1.6" high, access, optical (optional) Bay 2: 3.5", 1" high, no access, standard disk Slot 1: half-length, full-height, PCIe x16 (Version 2.0, 75w max) Slot 2: half-length, full-height, PCIe x1 (Version 2.0) Slot 3: half-length, full-height, PCIe x1 (Version 2.0) Slot 4: half-length, full-height, PCIe x1 (Version 2.0) Slot 5: PCIe Mini Card x1 (Version 2.0, for optional WLAN)
	Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD		
	Pentium G3250	2 / 2	3.2 GHz	3 MB	DDR3-1333	Intel HD		
	Pentium G3260	2 / 2	3.3 GHz	3 MB	DDR3-1333	Intel HD		
	Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	Intel HD 4400		
	Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	Intel HD 4400		
	Core i3-4160	2 / 4	3.6 GHz	3 MB	DDR3-1600	Intel HD 4400		
	Core i3-4170	2 / 4	3.7 GHz	3 MB	DDR3-1600	Intel HD 4400		
	Core i5-4440	4 / 4	3.1 GHz / 3.3 GHz	6 MB	DDR3-1600	Intel HD 4600		
	Core i5-4460	4 / 4	3.2 GHz / 3.4 GHz	6 MB	DDR3-1600	Intel HD 4600		
	Core i7-4770	4 / 8	3.4 GHz / 3.9 GHz	8 MB	DDR3-1600	Intel HD 4600		
Core i7-4790	4 / 8	3.6 GHz / 4.0 GHz	8 MB	DDR3-1600	Intel HD 4600			
Memory	16GB max, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets						Power supply	<i>Some:</i> 180 watts, autosensing, universal (100V-240V) <i>Some:</i> 180 watts, autosensing, 85% PSU, EnergyStar 6.0, universal (100V-240V) <i>Some:</i> 240 watts, autosensing, universal (100V-240V) <i>Some:</i> 240 watts, autosensing, 85% PSU, EnergyStar 6.0, universal (100V-240V)
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> 2TB (7200 rpm, 3.5" wide) Solid State Hybrid Drive (SSHD) with 8GB MLC NAND flash memory, SATA 6.0Gb/s <i>Some:</i> SSD / 2.5" wide, SATA 6.0Gb/s <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						Limited warranty	1-year, limited onsite service / service upgrades available
Optical	SATA 6.0Gb/s controller (integrated in chipset), three SATA 6.0Gb/s connectors						Preload	Preloaded operating system <i>Some:</i> Windows® 8.1 64-bit <i>Some:</i> Windows 8.1 Professional 64-bit <i>Some:</i> Windows 10 Home 64 Preloaded applications (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Reach • Lenovo Assistant • Lenovo Solution Center • Lenovo Companion • McAfee® LiveSafe™ (30 days of virus definitions) • Adobe® Reader® • Microsoft Office 2013 preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Netflix • Nitro PDF Reader
Onboard SATA Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)							
Graphics	Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11, one VGA, one HDMI, supports two independent displays; <i>Some:</i> AMD Radeon™ R5 235, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> AMD Radeon R5 235, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> AMD Radeon R7 240, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA® GeForce® GT 705, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA GeForce GT 705, 2GB DDR3, PCIe 3.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA GeForce GT 720, 2GB DDR3, PCIe 3.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA GeForce GTX 745, 2GB DDR3, PCIe 3.0 x16 adapter, DirectX11, one VGA, one HDM						Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); RoHS-compliant
Chipset	Intel H81 Chipset							
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)							
Rear ports	Two USB 3.0, two USB 2.0, ethernet (RJ-45), one VGA, one HDMI, additional VGA, DVI-D, or HDMI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models							
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)							
IEEE 1394	None							
Audio support	High Definition (HD) Audio, Realtek ALC662-VD							
WLAN	<i>Some:</i> 11/b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1							
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®							
Modem	None							

See footnotes for more detailed information

Lenovo H30-05 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD E1, E2, A4, A6 or A8 series APUs						Security features • Security slot • Power-on password • Administrator password
	Processor	Cores	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	
	E1-6010	2	1.35 GHz	1 MB	DDR3-1333	Radeon™ R2	
	E1-7010	2	1.5 GHz	1 MB	DDR3-1333	Radeon R2	
	E2-7110	4	1.8 GHz	2 MB	DDR3-1600	Radeon R2	
	A4-7210	4	1.8 GHz / 2.2 GHz	2 MB	DDR3-1600	Radeon R3	
	A6-7310	4	2.0 GHz / 2.4 GHz	2 MB	DDR3-1866	Radeon R4	
	A8-7410	4	2.2 GHz / 2.5 GHz	2 MB	DDR3-1866	Radeon R5	
Memory	8GB max, PC3-12800 1600MHz DDR3, two 204-pin DIMM sockets						KeyboardFull-size keyboard (USB or 2.4G wireless) on selected models, Fn keys, black or silver MouseLenovo SM-8861 mouse, 2.4G wireless, or USB mouse on selected models, black or silver Mechanical • SFF (11L), black color • Dimensions (WxDxH): 4.1" x 15.7" x 12.1"; 105mm x 399mm x 308mm • Weights (net weight): 9.92 lb (4.5 kg), vary by configuration - Bay 1: 5.25", 1.6" high, access, optical (optional) - Bay 2: 3.5", 1" high, no access, standard disk - Slot 1: half-length, full-height, PCIe x16 (Version 2.0) - Slot 2: half-length, full-height, PCIe x1 (Version 2.0) - Slot 3: PCIe Mini Card x1 (Version 2.0, for optional WLAN) Power supply <i>Some:</i> 65 watts, autosensing, universal (100V-240V) <i>Some:</i> 90 watts, autosensing, universal (100V-240V) <i>Some:</i> 120 watts, autosensing, universal (100V-240V)
Disk	SATA 6.0Gb/s, 3.5" wide, 7200 rpm						
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors						
Media reader	7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)						Limited warranty1-year, limited onsite service / service upgrades available PreloadPreloaded operating system Windows® 8.1 64-bit Preloaded applications (only some listed) • Lenovo® Rescue System • Lenovo Support • Driver and Application Installation • Lenovo Assistant • Lenovo Solution Centre • Lenovo Companion • McAfee® LiveSafe™ (30 days of virus definitions) • Adobe® Reader® • Microsoft Office 2013 preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Zinio • Nitro PDF Reader
Graphics	AMD Radeon Graphics in processor, uses main memory, DirectX® 11, one VGA, one HDMI, supports two independent displays; <i>Some:</i> AMD Radeon™ R5 235, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> AMD Radeon R5 235, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA® GeForce® GT 705, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA GeForce GT 705, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI <i>Some:</i> NVIDIA GeForce GT 720, 2GB DDR3, PCIe 2.0 x8 adapter, DirectX 11, one VGA, one HDMI						
Chipset	AMD SoC (System on Chip) platform						
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						
Rear ports	Two USB 2.0, two USB 3.0, ethernet (RJ-45), one VGA, one HDMI, additional VGA, DVI-D, or HDMI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models						
Front audio ports	Line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)						EnvironmentRoHS-compliant
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)						
IEEE 1394	None						
Audio support	High Definition (HD) Audio, Realtek ALC662-VD						
WLAN	<i>Some:</i> 11/b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> 11ac, PCIe Half Mini Card, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						
Bluetooth™	One gigabit ethernet port, Realtek RTL8105E-VD, Wake on LAN®						
Ethernet	None						
Modem	None						

See footnotes for more detailed information

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