

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	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password 																																																																																				
	<table border="1"> <thead> <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> </thead> <tbody> <tr> <td>Celeron G1820</td> <td>2 / 2</td> <td>2.7 GHz</td> <td>2 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Celeron G1840</td> <td>2 / 2</td> <td>2.8 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3240</td> <td>2 / 2</td> <td>3.1 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3250</td> <td>2 / 2</td> <td>3.2 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3260</td> <td>2 / 2</td> <td>3.3 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4130</td> <td>2 / 4</td> <td>3.4 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i3-4150</td> <td>2 / 4</td> <td>3.5 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i3-4160</td> <td>2 / 4</td> <td>3.6 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i3-4170</td> <td>2 / 4</td> <td>3.7 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i5-4440</td> <td>4 / 4</td> <td>3.1 GHz / 3.3 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> <tr> <td>Core i5-4460</td> <td>4 / 4</td> <td>3.2 GHz / 3.4 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> <tr> <td>Core i7-4770</td> <td>4 / 8</td> <td>3.4 GHz / 3.9 GHz</td> <td>8 MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> <tr> <td>Core i7-4790</td> <td>4 / 8</td> <td>3.6 GHz / 4.0 GHz</td> <td>8 MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	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	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	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
Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics																																																																																		
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																																																																																		
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																																																																																		
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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																																																																																		
		Mechanical	<ul style="list-style-type: none"> • 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, low profile, PCIe x16 (Version 2.0, 75w max) Slot 2: half-length, low profile, PCIe x1 (Version 2.0) Slot 3: half-length, low profile, PCIe x1 (Version 2.0) Slot 4: half-length, low profile, PCIe x1 (Version 2.0) Slot 5: PCIe Mini Card x1 (Version 2.0, for optional WLAN) 																																																																																				
		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)																																																																																				
Memory	16GB max, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets	Limited warranty	1-year, limited onsite service / service upgrades available																																																																																				
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	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) <ul style="list-style-type: none"> • 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 Power2Go (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Netflix • Nitro PDF Reader 																																																																																				
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); RoHS-compliant																																																																																				
Onboard SATA Media reader	SATA 6.0Gb/s controller (integrated in chipset), three SATA 6.0Gb/s connectors 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																																																																																						
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	<ul style="list-style-type: none"> • Security slot • Power-on password • Administrator password 																																										
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>E1-6010</td> <td>2</td> <td>1.35 GHz</td> <td>1 MB</td> <td>DDR3-1333</td> <td>Radeon™ R2</td> </tr> <tr> <td>E1-7010</td> <td>2</td> <td>1.5 GHz</td> <td>1 MB</td> <td>DDR3-1333</td> <td>Radeon R2</td> </tr> <tr> <td>E2-7110</td> <td>4</td> <td>1.8 GHz</td> <td>2 MB</td> <td>DDR3-1600</td> <td>Radeon R2</td> </tr> <tr> <td>A4-7210</td> <td>4</td> <td>1.8 GHz / 2.2 GHz</td> <td>2 MB</td> <td>DDR3-1600</td> <td>Radeon R3</td> </tr> <tr> <td>A6-7310</td> <td>4</td> <td>2.0 GHz / 2.4 GHz</td> <td>2 MB</td> <td>DDR3-1866</td> <td>Radeon R4</td> </tr> <tr> <td>A8-7410</td> <td>4</td> <td>2.2 GHz / 2.5 GHz</td> <td>2 MB</td> <td>DDR3-1866</td> <td>Radeon R5</td> </tr> </tbody> </table>	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	Keyboard	Full-size keyboard (USB or 2.4G wireless) on selected models, Fn keys, black or silver
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																																								
		Mouse	Lenovo SM-8861 mouse, 2.4G wireless, or USB mouse on selected models, black or silver																																										
		Mechanical	<ul style="list-style-type: none"> • 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, low profile, PCIe x16 (Version 2.0) Slot 2: half-length, low profile, PCIe x1 (Version 2.0) Slot 3: PCIe Mini Card x1 (Version 2.0, for optional WLAN) 																																										
Memory	8GB max, PC3-12800 1600MHz DDR3, two 204-pin DIMM sockets	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	Limited warranty	1-year, limited onsite service / service upgrades available																																										
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive	Preload	Preloaded operating system Windows® 8.1 64-bit Windows 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> • 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 																																										
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors	Environment	RoHS-compliant																																										
Media reader	7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)																																												
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)																																												
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																																												
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																												
Ethernet	One gigabit ethernet port, Realtek RTL8105E-VD, Wake on LAN®																																												
Modem	None																																												

See footnotes for more detailed information

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