

Lenovo V50t 13IMB Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Pentium® or 10th Generation Intel Core™ i3 / i5 / i7 / i9 Processors	WLAN	Some: 11ac, M.2 Card, Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 Some: 11ac, M.2 Card, Wi-Fi + Bluetooth 5.0 combo adapter, 1x1 Some: 11ac, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1																																																						
	<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 G5900</td> <td>2 / 2</td> <td>3.4 GHz</td> <td>2 MB</td> <td>DDR4-2666</td> <td>UHD 610</td> </tr> <tr> <td>Pentium Gold G6400</td> <td>2 / 4</td> <td>4.0 GHz</td> <td>4 MB</td> <td>DDR4-2666</td> <td>UHD 610</td> </tr> <tr> <td>Core i3-10100</td> <td>4 / 8</td> <td>3.6 / 4.3 GHz</td> <td>6 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i5-10400</td> <td>6 / 12</td> <td>2.9 / 4.3 GHz</td> <td>12 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i5-10400F</td> <td>6 / 12</td> <td>2.9 / 4.3 GHz</td> <td>12 MB</td> <td>DDR4-2666</td> <td>-</td> </tr> <tr> <td>Core i5-10500</td> <td>6 / 12</td> <td>3.1 / 4.5 GHz</td> <td>12 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i7-10700</td> <td>8 / 16</td> <td>2.9 / 4.8 GHz</td> <td>16 MB</td> <td>DDR4-2933</td> <td>UHD 630</td> </tr> <tr> <td>Core i9-10900</td> <td>10 / 20</td> <td>2.8 / 5.2 GHz</td> <td>20 MB</td> <td>DDR4-2933</td> <td>UHD 630</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Celeron G5900	2 / 2	3.4 GHz	2 MB	DDR4-2666	UHD 610	Pentium Gold G6400	2 / 4	4.0 GHz	4 MB	DDR4-2666	UHD 610	Core i3-10100	4 / 8	3.6 / 4.3 GHz	6 MB	DDR4-2666	UHD 630	Core i5-10400	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	UHD 630	Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	-	Core i5-10500	6 / 12	3.1 / 4.5 GHz	12 MB	DDR4-2666	UHD 630	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630	Core i9-10900	10 / 20	2.8 / 5.2 GHz	20 MB	DDR4-2933	UHD 630	Bluetooth™	Some: Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
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		Ethernet	One gigabit ethernet port																																																						
		Security features	<ul style="list-style-type: none"> Security slot for Kensington® lock Administrator password Padlock Loop Hard disk password Optional Smart Cable Clip Power-on password Firmware TPM2.0 USB port disablement 																																																						
		Keyboard	Some: Lenovo Calliope Keyboard (USB connector), black Some: Lenovo Traditional Keyboard (USB connector), black																																																						
		Mouse	Some: Lenovo Calliope Mouse (USB connector), black Some: Lenovo Fingerprint Mouse (USB connector), black																																																						
Memory	32GB max, DDR4-2666, two 288-pin DIMM sockets, dual-channel capable	Mechanical	<ul style="list-style-type: none"> Tower (13.6L), black chassis, Iron Grey bezel Dimensions (WxDxH): 5.71" x 10.94" x 13.39"; 145mm x 278mm x 340mm Approx. 10.58 lb (4.8 kg), weight may vary by configuration Bay 1: Slim external bay Bay 2: 3.5" HDD, internal bay Bay 3: optional 2.5" HDD, internal bay Slot 1: PCIe 3.0 x16 Slot 2: PCIe 3.0 x1 M.2 card slots: one for WLAN, one for SSD/Optane 																																																						
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD (2242 / 2280) / PCIe NVMe	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 260 watts, autosensing, 85% PSU Some: 310 watts, autosensing, 92% PSU																																																						
Optical Drive(opt)	Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm) Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)	Limited warranty	Some: 1-year depot repair or Carry-in service Some: 1-year, limited onsite service																																																						
Onboard SATA	SATA 6.0Gb/s controller, three SATA 6.0Gb/s connectors	Preload	Preloaded operating system Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> Microsoft® Office (Trail) Lenovo® Vantage McAfee® LiveSafe™ 																																																						
Card reader(opt)	3-in-1 media card reader (SD / SDHC / SDXC)	Environment	ENERGY STAR® 8.0 (not support Celeron, Pentium, or Core i with 3.5" HDD models); EPEAT™ Silver rating; RoHS-compliant; TUV Ultra Low Noise certified																																																						
Graphics	Intel UHD Graphics 610/630 in some processors*, uses main memory, DirectX 12, one DisplayPort™, one HDMI™, one VGA, supports up to 3 independent displays, more displays support via discrete graphics; Max resolution: 4096x2160 (DP)@60Hz; 3840x2160 (HDMI)@30Hz 1920x1200 (VGA)@60Hz Some: NVIDIA® GeForce® GT 730, DirectX 12, 2GB, GDDR5, one HDMI, one VGA; Max resolution: 3840x2160 (HDMI)@60Hz; 2048x1536 (VGA)@75Hz Some: AMD Radeon™ 520, DirectX 12, 1GB, GDDR5, one HDMI, one VGA; Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@85Hz *Processor with integrated Graphic	Accessories	For compatible accessories, please go to http://smartfind.lenovo.com/																																																						
Chipset	Intel B460 Chipset	Audio support	High Definition (HD) Audio, Realtek ALC623-CG / internal speaker (2 watt)																																																						
Front ports*	4x USB 3.2 Gen1, 1x headphone / microphone combo jack (3.5mm), 1x microphone (3.5mm), 1x optional media reader																																																								
Rear ports*	4x USB 2.0, 1x ethernet (RJ-45), 1x VGA, 1x HDMI, 1x DP, 1x serial (9-pin), 1x line-out (3.5mm)																																																								
Rear ports* (Opt.)	Optional: 1x parallel (25-pin), 1x 2nd serial (9-pin), 1x PS/2 ports (keyboard/mouse) * Depending on many factors, actual data transfer speed may be lower than theoretical speed																																																								

Note: The specifications above may not be available in all regions.

Lenovo, May 2020