

# ideacentre 300-20ISH Mini Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Security features	<ul style="list-style-type: none"> <li>• Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> </ul>
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics		Keyboard <i>Some:</i> Lenovo keyboard (USB connector), Fn keys, black <i>Some:</i> Lenovo wireless keyboard (2.4G), Fn keys, silver Mouse <i>Some:</i> Lenovo optical mouse (USB connector), black <i>Some:</i> Lenovo wireless optical mouse (2.4G), silver
	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510		
	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510		
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530		
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530		
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530			
Memory	16GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable						Mechanical <ul style="list-style-type: none"> <li>• Mini Tower (20L), black color</li> <li>• Dimensions (WxDxH): 6.3" x 16.1" x 14.0"; 160mm x 410mm x 355mm</li> <li>• Weights (net weight): 15.7 lb (7.1 kg), vary by configuration</li> <li>• Optional system fan for additional system cooling</li> <li>Bay 1: 5.25", 1.6" high, access, optical (optional)</li> <li>Bay 2: 3.5", 1" high, no access, standard disk</li> <li>Bay 3: 3.5", 1" high, no access, optional disk</li> <li>Slot 1: half-length, full-height, PCIe x16 (Version 3.0)</li> <li>Slot 2: half-length, full-height, PCIe x1 (Version 2.0)</li> <li>Slot 3: half-length, full-height, PCIe x1 (Version 2.0)</li> <li>Slot 4: M.2 card slot (for optional WLAN)</li> </ul>	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> 1TB or 2TB (7200 rpm, 3.5" wide) Solid State Hybrid Drive (SSHD) with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide							
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 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	<b>Intel HD Graphics 510/530</b> in processor, uses main memory, DirectX® 12, one VGA, one HDMI, supports two independent displays; <i>Some:</i> <b>NVIDIA® GeForce® GT 720, 1GB DDR3</b> , DirectX 11, one VGA, one HDMI <i>Some:</i> <b>NVIDIA GeForce GT 720, 2GB DDR3</b> , DirectX 11, one VGA, one HDMI <i>Some:</i> <b>NVIDIA GeForce GT 730, 2GB DDR3</b> , DirectX 11, one VGA, one HDMI <i>Some:</i> <b>NVIDIA GeForce GTX 750 Ti, 2GB GDDR5</b> , DirectX11, one VGA, one HDMI, one DVI-D							
Chipset	<b>Intel H110 Chipset</b>							
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Power supply <i>Some:</i> 180 watts, autosensing, 85% PSU, universal <i>Some:</i> 250 watts, autosensing, 85% PSU, universal	
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 IEEE 1394	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm) None							
Audio support	High Definition (HD) Audio, Realtek ALC662							
WLAN	<i>Some:</i> 11ac wireless, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Bluetooth™ Ethernet Modem	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN® None							
Environment	ENERGY STAR® 6.1 (Need 85% PSU and Windows OS); RoHS-compliant						Limited warranty <b>1-year, limited onsite service</b> / service upgrades available Preload <b>Preloaded operating system</b> Windows® 10 Home 64-bit Windows® 10 Pro 64-bit <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Lenovo® Rescue System</li> <li>• Driver and Application Installation</li> <li>• Lenovo Reach</li> <li>• Lenovo SHAREit</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Companion</li> <li>• McAfee® LiveSafe™ (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• Cyberlink PowerDVD (DVD±RW, DVD)</li> <li>• Cyberlink Power2Go (DVD±RW)</li> </ul>	

See footnotes for more detailed information

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