

# ideacentre 300s-08IHH SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors						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)	Cache	Memory Types	Integrated Graphics		Keyboard Mouse	Lenovo keyboard (USB connector), Fn keys, black Lenovo optical mouse (USB connector), black
	Celeron G1840	2 / 2	2.8 GHz	2 MB	DDR3-1333	Intel HD			
	Pentium G3260	2 / 2	3.3 GHz	3 MB	DDR3-1333	Intel HD			
	Core i3-4170	2 / 4	3.7 GHz	3 MB	DDR3-1600	HD 4400			
	Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600			
Core i7-4790S	4 / 8	3.2 GHz / 4.0 GHz	8 MB	DDR3-1600	HD 4600				
Memory	16GB max, PC3-12800 1600MHz DDR3L, two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller						Mechanical	<ul style="list-style-type: none"> <li>• SFF (8L), black color</li> <li>• Dimensions (WxDxH): 11.6" x 3.5" x 12.6"; 295mm x 90mm x 320mm</li> <li>• Weights (net weight): 9.1 lb (4.1 kg), vary by configuration</li> <li>• Optional system fan for additional system cooling</li> <li>Bay 1: NA, 9.5mm, external, slim optical (optional)</li> <li>Bay 2: 3.5", 1" high, internal, standard disk</li> <li>Bay 3: NA, NA, external, optional media reader</li> <li>Slot 1: Low Profile, PCIe x16 (Version 2.0)</li> <li>Slot 2: M.2 card slot (for optional WLAN)</li> </ul>	
Disk	SATA 6.0Gb/s, 3.5" wide, 7200 rpm								
Optical	Some: DVD-ROM SATA 1.5Gb/s Drive, 9.5 mm Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive, 9.5 mm								
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors								
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)								
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11, one VGA, one HDMI, supports two independent displays; Some: NVIDIA® GeForce® GT 720, 1GB DDR3, DirectX 11, one VGA, one HDMI Some: NVIDIA GeForce GT 720, 2GB DDR3, DirectX 11, one VGA, one HDMI								
Chipset	Intel H81 Chipset						Power supply	180 watts, 85% PSU, autosensing, universal (100V-240V)	
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 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								
WLAN	Some: 11ac wireless, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1						Limited warranty	1-year, limited onsite service / service upgrades available	
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®								
Modem	None								
							Preload	<b>Preloaded operating system</b> Windows® 10 Home 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 Power2Go (DVD±RW, DVD)</li> <li>• Cyberlink Power2Go (DVD±RW)</li> </ul>	
							Environment	ENERGY STAR® 6.1 (Need 85% PSU and Windows OS); RoHS-compliant	

See footnotes for more detailed information

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