

ideacentre Y700-34ISH Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i5 / i7 Processors						Security features - Security slot (in rear for Kensington® MicroSaver® cable) - Power-on password - Administrator password
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	
	Core i5-6400	4 / 4	2.7 GHz / 3.3 GHz	6 MB	DDR4-2133	Intel HD Graphics 530	
	Core i5-6500	4 / 4	3.2 GHz / 3.6 GHz	6 MB	DDR4-2133		
	Core i5-6600	4 / 4	3.3 GHz / 3.9 GHz	6 MB	DDR4-2133		
Core i7-6700	4 / 8	3.4 GHz / 4.0 GHz	8 MB	DDR4-2133			
Memory	24GB max, PC4-17000 2133MHz DDR4, four 288-pin UDIMM sockets						Mechanical - Tower (34L), black color - Dimensions (WxDxH): 8.12" x 19.82" x 18.85"; 206.4mm x 503.5mm x 478.9mm - Weights (net weight): 33.1 lb (15 kg), vary by configuration - Top water cooling (under top) - Bay 1: 5.25", access, optical (optional) - Bay 2: 5.25", no access, disk - Bay 3: 3.5", no access, disk (with 3.5" to 2.5" bracket) - Bay 4: 3.5", no access, disk (with 3.5" to 2.5" bracket) - Bay 5: 3.5", no access, disk - Bay 6: 3.5", no access, disk - Slot 1: half-length, full-height, PCIe x1 - Slot 2: half-length, full-height, PCIe x16, for discrete graphics - Slot 3: half-length, full-height, PCIe x1 - Slot 4: half-length, full-height, PCIe x1 - Slot 5: half-length, full-height, PCIe x1 - Slot 6: half-length, full-height, PCIe x1
Disk	<i>Some:</i> Solid State Hybrid Drive (SSHD) with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 7200 rpm, 3.5" wide <i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> SSD / 2.5" wide, SATA 6.0Gb/s						
Optical	<i>Some:</i> DVD±RW SATA <i>Some:</i> Blu-ray burner DVD±RW SATA						
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), six SATA 6.0Gb/s connectors						
Media reader	7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)						
Graphics	Intel HD Graphics 530 in processor, uses main memory, DirectX® 12, one VGA, one HDMI, supports three independent displays; <i>Some:</i> AMD Radeon R9 370X, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 <i>Some:</i> NVIDIA® Geforce® GTX750Ti, 2GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, VGA x1, DVI x1, HDMI x1 <i>Some:</i> NVIDIA Geforce GTX960, 2GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 <i>Some:</i> NVIDIA Geforce GTX970, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 <i>Some:</i> NVIDIA Geforce GTX1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 <i>Some:</i> NVIDIA Geforce GTX1070, 8GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3						Power supply 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-220V)
Chipset	Intel H170 Chipset						
Front ports	Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						
Rear ports	Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keyboard port, one VGA, one HDMI additional VGA, DVI, DP or HDMI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models						
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm)						
IEEE 1394	None						Limited warranty 1-year, limited onsite service / service upgrades available
Audio support	High Definition (HD) Audio, Realtek ALC892						
WLAN (optional)	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2						
Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						
Ethernet	One gigabit ethernet port, Realtek RTL8111GN						
Modem	None						Preload - Preloaded operating system - Windows® 10 Home 64 - Preloaded applications (only some listed) - Lenovo® Rescue System - Steam Game Portal - Lenovo SHAREit - Lenovo Companion - Lenovo Solution Center - McAfee® LiveSafe™ (30 days trial) (optional) - Microsoft Office 2013 preloaded; (30 days trial) (optional)
Environment ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant							

See footnotes for more detailed information

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