ideacentre Y700-34ISH Platform Specifications

Processor	6th Generation Intel® Core™ i5 / i7 Processors					

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	32GB max, PC4-17000 2133MHz DDR4, four 288-pin UDIMM sockets
Disk	*Some:* Solid State Hybrid Drive (SSHD) with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 7200 rpm, 3.5" wide *Some:* SATA 6.0Gb/s, 3.5" wide, 7200 rpm *Some:* SSD / 2.5" wide, SATA 6.0Gb/s
Optical	*Some:* DVD±RW SATA *Some:* 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; *Some:* AMD Radeon R9 370X, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 *Some:* NVIDIA® Geforce® GTX750Ti, 2GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, VGA x1, DVI x1, HDMI x1 *Some:* NVIDIA Geforce GTX960, 2GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 *Some:* NVIDIA Geforce GTX970, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 *Some:* NVIDIA Geforce GTX1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 *Some:* NVIDIA Geforce GTX1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 *Some:* NVIDIA Geforce GTX1070, 8GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3
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 keboard 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
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

Security features	● Security slot (in rear for Kensington® MicroSaver® cable) ● Power-on password ● Administrator password
Keyboard **Mouse**	*Some:* full-size, Gaming K600 USB keyboard , Fn keys, black *Some:* full-size USB keyboard, Fn keys, black silk *Some:* USB mouse Gaming M600, black *Some:* USB optical mouse, black silk
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
Power supply	450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-220V)
Limited warranty	1-year, limited onsite service / service upgrades available
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