ideacentre Y900-34ISZ Platform Specifications

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

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Core i5-6600K	4 / 4	3.5 GHz / 3.9 GHz	6 MB	DDR4-2133	Intel HD Graphics 530
Core i7-6700	4 / 8	3.4 GHz / 4.0 GHz	8 MB	DDR4-2133	
Core i7-6700K	4 / 8	4.0 GHz / 4.2 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
M.2 SSD *(opt)*	M.2 Solid State Drive (SSD), via M.2 card slot
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, one DVI, supports three independent displays; *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 GTX980, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 *Some:* NVIDIA Geforce GTX1080, 8GB GDDR5X, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 *Some:* AMD Radeon R9 370X, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2
Chipset	Intel Z170 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, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models *Onboard VGA, HDMI and DVI are unavailable on discrete models
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), surround-out (3.5mm), center/low frequency-out (3.5mm), S/PDIF-out
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 K800 USB keyboard , Fn keys, black *Some:* full-size USB keyboard, Fn keys, black silk *Some:* USB mouse Gaming M800, 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) ● Top water cooling (under top) Bay 1: 5.25", access, optical (optional) Bay 2: 5.25", no access, disk Bay 3~bay 6: 3.5", no access, disk (with 3.5" to 2.5" bracket) 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 x16, for discrete graphics Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1
Power supply	*Some:* 625 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-220V) *Some:* 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