

ideacentre 720 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD® Athlon™ or Ryzen™ series APU						Front ports	<i>AMD model:</i> Two USB 2.0, two USB 3.0, microphone jack (3.5mm), headphone jack (3.5mm)
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	Rear ports	<i>Intel model:</i> Four USB 3.0, microphone jack (3.5mm), headphone jack (3.5mm) <i>AMD model:</i> Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4), serial connector, power connector
	Athlon X4 950	4 / 4	3.5 GHz / 3.8 GHz	2 MB	DDR4-2400	-		<i>Intel model:</i> Two USB 2.0, two USB 3.0, ethernet (RJ-45), VGA, HDMI (1.4), power connector
	Ryzen 3 1200	4 / 4	3.1 GHz / 3.4 GHz	2 MB	DDR4-2667			
	Ryzen 5 1400	4 / 8	3.2 GHz / 3.4 GHz	2 MB	DDR4-2667			
	Ryzen 7 1700	8 / 16	3.0 GHz / 3.7 GHz	4 MB	DDR4-2667			
	Intel® Pentium® Processor, Intel Celeron® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	Audio support	High Definition (HD) Audio, Realtek ALC662
	Celeron G3930	2 / 2	2.9 GHz	2 MB	DDR4-2133	Intel HD Graphics 610	WLAN (optional)	<i>Some:</i> 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2
	Pentium G4560	2 / 4	3.5 GHz	3 MB	DDR4-2400		Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Core i3-7100	2 / 4	3.9 GHz	3 MB	DDR4-2400		Ethernet	One gigabit ethernet port
	Core i5-7400	4 / 4	3.0 GHz / 3.5 GHz	6 MB	DDR4-2400		Security features	<ul style="list-style-type: none"> Power-on password Hard-disk password Administrator password Kensington® lock
	Core i7-7700	4 / 8	3.6 GHz / 4.2 GHz	8 MB	DDR4-2400	Intel HD Graphics 630	Keyboard (opt)	<i>Some:</i> Lenovo Calliope Keyboard (USB connector), Fn keys, spill resistant <i>Some:</i> Lenovo Calliope Wireless Keyboard, Fn keys, spill resistant
Memory	32GB max, 2400MHz DDR4, two UDIMM sockets * System automatically clocks down for the processors with lower memory controller						Mouse (optional)	<i>Some:</i> Lenovo Calliope Mouse (USB connector), 1600 dpi <i>Some:</i> Lenovo Calliope Wireless Mouse, 1200 dpi <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), 1600 dpi
Storage	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (AMD model) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (Intel model) <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2						Mechanical	<ul style="list-style-type: none"> Tower (18L), black color Dimensions (WxDxH): 6.5" x 12.76" x 14.8"; 165mm x 324mm x 376mm Weights (net weight): 17.64 lb (8 kg) Optional system fan for additional system cooling
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 9mm slim							Bay 1: slim ODD bay Bay 2: 5.25", ODD bay (without 3.5" HDD bracket) Bay 3: 3.5", HDD bay Bay 4: 2.5", HDD bay (without 3.5" HDD bracket)
Onboard SATA	<i>AMD model:</i> SATA 6.0Gb/s controller, two SATA connectors <i>Intel model:</i> SATA 6.0Gb/s controller, four SATA connectors							Slot 1: full-length, PCIe x16 Slot 2: half-length, PCIe x1 Slot 3: half-length, PCIe x1 (slot 3 for Intel model) PCIe M.2 slot x2 (one for WLAN, another for SSD)
Media reader	Optional 7-in-1 media reader						Power supply	<i>Some:</i> 180 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) <i>Some:</i> 250 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) <i>Some:</i> 400 watts, autosensing, 92% PSU, EnergyStar 6.1, universal (110V-240V)
Graphics	Intel HD Graphics 610 or Intel HD Graphics 630 in processor, uses main memory, DirectX® 12 <i>Some:</i> NVIDIA® GeForce® GT 730, DirectX 12, 2GB GDDR3 or GDDR5, PCIe 2.0 x8 adapter, VGA x1, HDMI x1 <i>Some:</i> NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 <i>Some:</i> NVIDIA GeForce GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 <i>Some:</i> AMD Radeon® R5 340, DirectX 12, 1GB GDDR5, PCIe 3.0 x8 adapter, VGA x1, HDMI x1 <i>Some:</i> AMD Radeon R5 460, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, DVI x1, HDMI x1, DP x1 <i>Some:</i> AMD Radeon RX 480, DirectX 12, 8GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3 <i>Some:</i> AMD Radeon RX 550, DirectX 12, 2GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1 <i>Some:</i> AMD Radeon RX 560, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1 <i>Some:</i> AMD Radeon RX 570, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3 additional VGA, HDMI, DP or DVI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models						Limited warranty	1-year, limited Mail-in service / service upgrades available
Chipset	<i>AMD model:</i> AMD B300 Koll chipset; <i>Intel model:</i> Intel Kabylake B250 chipset						Preload	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo® Rescue System Lenovo Companion Lenovo ID Adobe® Reader®
							Environment	ENERGY STAR® 6.1; RoHS-compliant