

ideacentre 720-18ASU 90H1001GUK

Product

ideacentre 720-18ASU

Region

WE

Country

UK Group

Machine Type

90H1

Processor

AMD Ryzen 5 1400 (4C, 3.2 / 3.4GHz, 2MB)

Graphics

AMD Radeon RX 550 2GB GDDR5

Chipset

AMD B300

Memory

8GBx1 DDR4-2400

Storage

2TB 7200rpm 3.5"

Optical

DVD±RW

Media Reader

7-in-1

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Keyboard / Mouse

2.4G Silver / 2.4G Silver

System Fan

One Rear

Power Supply

250W Energy Star

Operating System

Windows 10 Home 64

Warranty

1-year, Depot

Ann Date (mm/yy)

07/17



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ideacentre 720 AMD Platform Specifications

Product Specifications Reference (PSREF)

Processor	ASU: AMD Athlon™, A series or Ryzen™ series APU						Front ports	ASU: two USB 2.0, two USB 3.1 Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm), optional media reader
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	APR: two USB 3.1 Gen 1, two USB 3.1 Gen 2, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm), optional media reader	
	A10-9700	4 / -	3.5 GHz / 3.8 GHz	2 MB	DDR4-2400	Radeon™ R7 Graphics	Rear ports	ASU: 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				APR: two USB 2.0, two USB 3.1 Gen 1, ethernet (RJ-45), VGA, HDMI (1.4), power connector
	Ryzen 3 1200	4 / 4	3.1 GHz / 3.4 GHz	2 MB	DDR4-2667		Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)
	Ryzen 5 1400	4 / 8	3.2 GHz / 3.4 GHz	2 MB				Audio support
	Ryzen 7 1700	8 / 16	3.0 GHz / 3.7 GHz	4 MB			WLAN (optional)	Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
	APR: AMD Ryzen series APU						Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2	
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Ryzen 3 2200G	4 / 4	3.5 GHz / 3.7 GHz	2 MB	DDR4-2667	Radeon Vega 8 Graphics	Ethernet	One gigabit ethernet port
Ryzen 5 2400G	4 / 8	3.6 GHz / 3.9 GHz	DDR4-2933		Radeon RX Vega 11 Graphics	Security features	• Power-on password	
Ryzen 5 2600	6 / 12	3.4 GHz / 3.9 GHz		3 MB	-		• Hard-disk password	
Ryzen 7 2700	8 / 16	3.2 GHz / 4.1 GHz		4 MB	-	• Administrator password		
						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black	
						Mouse (optional)	Some: Lenovo Calliope Wireless Keyboard, Fn keys, silver	
							Some: Lenovo Calliope Mouse (USB connector),black	
							Some: Lenovo Calliope Wireless Mouse, black	
							Some: Lenovo Fingerprint Mouse (USB connector), silver	
Memory	ASU: 32GB max, 2400MHz DDR4, two UDIMM sockets						Mechanical	• Tower (18L), silver / black color
	APU: 32GB max, 2666MHz DDR4, two UDIMM sockets							• Dimensions (WxDxH): 6.5" x 12.76" x 14.8"; 165mm x 324mm x 376mm
	* System automatically clocks down for the processors with lower memory controller							• Weights (net weight): 17.64 lb (8 kg), weight may vary by configuration
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm							• Optional front and rear system fan
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2							Bay 1: slim optical bay
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 9mm slim							Bay 2: 5.25", ODD bay (without 3.5" HDD bracket)
Onboard SATA	ASU: SATA 6.0Gb/s controller, two SATA connectors							Bay 3: 3.5", HDD bay
	APR: SATA 6.0Gb/s controller, three SATA connectors							Slot 1: full-length, full-height, PCIe x16
Media reader	Optional 7-in-1 media reader							Slot 2: full-length, full-height, PCIe x1
								PCIe M.2 slot x2 (one for WLAN, another for SSD)
Graphics	Some: AMD Radeon R7, Vega 8, RX Vega 11 Graphics in processor, uses main memory, DirectX® 12						Power supply	Some: 180 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
	Some: NVIDIA® Geforce® GT 730, DirectX 12, 2GB GDDR3 or GDDR5, PCIe 2.0 x8 adapter, VGA x1, HDMI x1							Some: 250 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
	Some: NVIDIA Geforce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1							Some: 400 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
	Some: NVIDIA Geforce GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3						Limited warranty	• 1-year, limited mail-in service / service upgrades available
	Some: AMD Radeon® R5 340, DirectX 12, 1GB GDDR5, PCIe 3.0 x8 adapter, VGA x1, HDMI x1							• 1-year or 2-year, depot repair service / service upgrades available
	Some: AMD Radeon R5 460, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, DVI x1, HDMI x1, DP x1						Preload	Preloaded operating system
	Some: AMD Radeon RX 480, DirectX 12, 8GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3							Windows® 10 Home 64
	Some: AMD Radeon RX 550, DirectX 12, 2GB GDDR5, PCIe 3.0 x16 adapter, VGA x1, HDMI x1, DP x1							Preloaded applications (only some listed)
	Some: AMD Radeon RX 560, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1							• Lenovo® Rescue System
	Some: AMD Radeon RX 570, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3							• Lenovo Companion
								• Lenovo ID
								• Adobe® Reader®
Chipset	ASU: AMD B300 chipset; APR: AMD B450 chipset						Environment	ASU: ENERGY STAR® 6.1; ErP Lot 3; GREENGURAD®; RoHS-compliant
								APR: ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

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