

ideacentre 720-18APR 90HY004EGE

Product
ideacentre 720-18APR

Region
WE

Country
Germany

Machine Type
90HY

Processor
AMD Ryzen 3 2200G (4C / 4T, 3.5 / 3.7GHz,
2MB L2 / 4MB L3)

Graphics
Integrated AMD Radeon Vega 8 Graphics

Chipset
AMD B450

Memory
2 x 4GB DDR4-2666

Storage
256GB SSD M.2 2280 PCIe

Optical
9.0mm DVD±RW

Media Reader
7-in-1

WLAN + Bluetooth
11ac, 1x1 + BT4.0

Keyboard / Mouse
USB Black / USB Black

System Fan
None

Power Supply
180W

Operating System
Windows 10 Home 64

Color
Black

upc_ean_jan_code
193386898429

Warranty
2-year, Depot

Announce Date
2019-04-24



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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 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	
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics			
	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 APR: two USB 2.0, two USB 3.1 Gen 1, ethernet (RJ-45), VGA, HDMI (1.4), power connector	
	Athlon X4 950	4 / 4	3.5 GHz / 3.8 GHz	2 MB		-			
	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					
	Ryzen 7 1700	8 / 16	3.0 GHz / 3.7 GHz	4 MB					
	APR: AMD Ryzen series APU							Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) * Depending on many factors, actual data transfer speed may be lower than theoretical speed
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	Audio support	High Definition (HD) Audio, Realtek® ALC662	
	Ryzen 3 2200G	4 / 4	3.5 GHz / 3.7 GHz	2 MB	DDR4-2667	Radeon Vega 8 Graphics	WLAN (optional)	Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2	
Ryzen 5 2400G	4 / 8	3.6 GHz / 3.9 GHz	DDR4-2933		Radeon RX Vega 11 Graphics	Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
Ryzen 5 2600	6 / 12	3.4 GHz / 3.9 GHz		-	Security features	Ethernet	One gigabit ethernet port		
Ryzen 7 2700	8 / 16	3.2 GHz / 4.1 GHz		-				• Power-on password • Hard-disk password • Administrator password • Kensington® lock	
Memory ASU: 32GB max, 2400MHz DDR4, two UDIMM sockets APU: 32GB max, 2666MHz DDR4, two UDIMM sockets * System automatically clocks down for the processors with lower memory controller							Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black Some: Lenovo Calliope Wireless Keyboard, Fn keys, silver	
							Mouse (optional)	Some: Lenovo Calliope Mouse (USB connector),black Some: Lenovo Calliope Wireless Mouse, black Some: Lenovo Fingerprint Mouse (USB connector), silver	
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2						Mechanical	• Tower (18L), silver / 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), weight may vary by configuration • Optional front and rear system fan Bay 1: slim optical bay Bay 2: 5.25", ODD bay (without 3.5" HDD bracket) Bay 3: 3.5", HDD bay Slot 1: full-length, full-height, PCIe x16 Slot 2: full-length, full-height, PCIe x1 PCIe M.2 slot x2 (one for WLAN, another for SSD)	
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 9mm slim								
Onboard SATA	ASU: SATA 6.0Gb/s controller, two SATA connectors APR: SATA 6.0Gb/s controller, three SATA connectors								
Media reader	Optional 7-in-1 media reader								
Graphics	Some: AMD Radeon R7, Vega 8, RX Vega 11 Graphics in processor, uses main memory, DirectX® 12 Some: NVIDIA® GeForce® GT 730, DirectX 12, 2GB GDDR3 or GDDR5, PCIe 2.0 x8 adapter, VGA x1, HDMI x1 Some: NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 Some: NVIDIA GeForce GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 Some: AMD Radeon® R5 340, DirectX 12, 1GB GDDR5, PCIe 3.0 x8 adapter, VGA x1, HDMI x1 Some: AMD Radeon R5 460, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, DVI x1, HDMI x1, DP x1 Some: AMD Radeon RX 480, DirectX 12, 8GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3 Some: AMD Radeon RX 550, DirectX 12, 2GB GDDR5, PCIe 3.0 x16 adapter, VGA x1, HDMI x1, DP x1 Some: AMD Radeon RX 560, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1 Some: AMD Radeon RX 570, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3								
Chipset	ASU: AMD B300 chipset; APR: AMD B450 chipset						Power supply	Some: 180 watts, autosensing, EnergyStar 6.1, universal (100V-240V) Some: 250 watts, autosensing, EnergyStar 6.1, universal (100V-240V) Some: 400 watts, autosensing, EnergyStar 6.1, universal (100V-240V)	
							Limited warranty	• 1-year, limited mail-in service / service upgrades available • 1-year or 2-year, depot repair service / service upgrades available	
							Preload	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) • Lenovo® Rescue System • Lenovo Companion • Lenovo ID • Adobe® Reader®	
							Environment	ASU: ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD®; RoHS-compliant APR: ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant	

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