ideacentre 720-18ASU 90H1004HSP

Product
ideacentre 720-18ASU

Region
WE

Country
Spain

Machine Type
90H1

Processor
AMD Ryzen 3 1200 (4C, 3.1 / 3.4GHz, 2MB)

Graphics
AMD Radeon RX 550 2GB GDDR5

Chipset
AMD B300

Memory
8GBx1 DDR4-2400

Storage
1TB 7200rpm 3.5"

Optical
DVD±RW

Media Reader
7-in-1

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

Keyboard / Mouse
USB Black / USB Black

System Fan
One Rear

Power Supply
250W Energy Star

Operating System
None

Warranty
2-year, Depot

Ann Date (mm/yy)
11/17

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ideacentre 720 AMD Platform Specifications

Processor

ASU: AMD Athlon™, A series or Ryzen™ series APU

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
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

Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics
Ryzen 3 2200G	4 / 4	3.5 GHz / 3.7 GHz	2 MB	DDR4-2667	Radeon Vega 8 Graphics
Ryzen 5 2400G	4 / 8	3.6 GHz / 3.9 GHz		DDR4-2933	Radeon RX Vega 11 Graphics
Ryzen 5 2600	6 / 12	3.4 GHz / 3.9 GHz	3 MB		-
Ryzen 7 2700	8 / 16	3.2 GHz / 4.1 GHz	4 MB		-

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

Storage

Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2

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

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

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

Rear audio ports
Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

Audio support
High Definition (HD) Audio, Realtek® ALC662

WLAN *(optional)*
Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
Some: 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

Security features
- Power-on password
- Hard-disk password
- Administrator password
- Kensington® lock

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

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)

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; GREENGURAD®; RoHS-compliant
APR: ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

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