# ideacentre 720-18APR 90HY000WSP

***Product***
ideacentre 720-18APR

***Region***
WE

***Country/Region***
Spain

***Machine Type***
90HY

***Processor***
AMD Ryzen 5 2400G (4C / 8T, 3.6 / 3.9GHz, 2MB L2 / 4MB L3)

***Graphics***
Integrated AMD Radeon Vega 11 Graphics

***Chipset***
AMD B450

***Memory***
1x 8GB DIMM DDR4-2666

***Storage***
1TB HDD 7200rpm 3.5"

***Optical***
None

***Ethernet***
Integrated 100/1000M

***Media Reader***
None

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

***Color***
Chassis: Black Bezel: Warm silver

***Keyboard***
USB Calliope Keyboard, Black, Spanish

***Mouse***
USB Calliope Mouse, Black

***System Fan***
Default

***Power Supply***
180W

***Operating System***
Windows 10 Home 64, Spanish

***Base Warranty***
2-year, Depot

***Bundled Service***
None

***EAN / UPC***
193124912851

***End of Support***
N/A

***Announce Date***
2019-07-19

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# ideacentre 720-18APR Platform Specifications



**Processor** — 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 | 2 MB | DDR4-2933 | Radeon RX Vega 11 Graphics |
| Ryzen 5 2600 | 6 / 12 | 3.4 GHz / 3.9 GHz | 3 MB | DDR4-2933 | - |
| Ryzen 7 2700 | 8 / 16 | 3.2 GHz / 4.1 GHz | 4 MB | DDR4-2933 | - |

**Memory** — 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** — 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 550X, 4GB GDDR5, DirectX 12, one HDMI, one VGA, one DP; Max resolution: 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2048x1536 (VGA)@60Hz
*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** — AMD B450 chipset

**Front ports*** — 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*** — two USB 2.0, two USB 3.1 Gen 1, ethernet (RJ-45), VGA, HDMI (1.4), power connector

** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

**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), black chassis, warm silver bezel
- 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** — ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

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