ideacentre AIO 700 24" Platform Specifications

Processor

Intel® Pentium® Processor or 6th Generation Intel® Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Pentium G4400	2 / 2	3.3 GHz / -	3 MB	DDR4-2133	HD 510
Core i3-6100	2 / 4	3.7 GHz / -	3 MB	DDR4-2133	HD 530
Core i5-6400	4 / 4	2.7 GHz / 3.3 GHz	6 MB	DDR4-2133	HD 530
Core i5-6402P	4 / 4	2.8 GHz / 3.4 GHz	6 MB	DDR4-2133	HD 510
Core i7-6700	4 / 8	3.4 GHz / 4 GHz	8 MB	DDR4-2133	HD 530

AMD® A series APUs

Processor	Cores	Frequency (Base/Max)	L2 Cache	Max DDR3	Integrated Graphics
A8-7600	4	3.1 GHz / 3.8 GHz	4 MB	DDR3-2133	Radeon R7
A10-7800	4	3.5 GHz / 3.9 GHz	4 MB	DDR3-2133	Radeon R7
A10-8750	4	3.6 GHz / 4.0 GHz	4 MB	DDR3-2133	Radeon R7

Graphics

Some: **Intel HD Graphics 510** or **Intel HD Graphics 530** only, use main memory, integrated in processor, DirectX 12
Some: **NVIDIA® GeForce® GT 930A**, 2GB memory, DirectX 12
Some: **NVIDIA® GeForce® GTX 950A**, 2GB memory, DirectX 12
Some: **AMD Radeon™ Graphics R7** only, use main memory, integrated in processor, DirectX 12
Some: **AMD Radeon™ Graphics R7 A360**, 2GB memory, DirectX 12
Some: **AMD Radeon™ Graphics R9 A375**, 2GB memory, DirectX 12

Chipset

Intel model: **Intel H110**; *AMD model:* **AMD A76M FCH**

Memory

Intel Model: 16GB max, DDR4 2133, two 260-pin SO-DIMM sockets
AMD Model: 12GB max, DDR3L 1600, two 260-pin SO-DIMM sockets

Display

23.8" (604.5mm), viewing angle (horizontal: +/- 89°; vertical: +/- 89°)
Some: **FHD** (1920x1080), LED backlight, frameless16:9 aspect ratio, 250 nits, 1000:1 contrast ratio
Some: **UHD** (3840x2160), LED backlight, frameless16:9 aspect ratio, 310 nits, 1000:1 contrast ratio

Multi-touch

Optional: Projected Capacitive Touch (PCT) technology, support 10-point touch

Light sensor

None

Camera

Some: 1080p HD, combo dual array mic
Some: 1080p HD with voice recognition, support Microsoft Cortana, combo dual array mic
Some: Intel RealSense™ 3D camera with voice recognition, support Microsoft Cortana, combo dual array mic

Controls

Power button, Optical drive eject button, PC mode / HDMI-in switch button

Disk

Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm, Solid State Hybrid drive (SSHD) with 8GB MLC NAND flash memory
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Optional SATA ODD with DVD burner, 9.5mm slim tray-in

Dimensions

WxDxH with stand: 22.78" X 7.87" X 15.83"; 578.6mm X 200mm X 402mm

Weight (net)

Non-touch model: 19.3 lb (8.75 kg); *Touch model:* 19.4 lb (8.8 kg)

Case color

Black or white

Stand

Adjustable monitor stand, from -5° forward to 25° back

VESA mount

None

Media reader

6-in-1 card reader (SD, SDHC, SDXC, MMC, MS, MS-Pro)

Rear Ports

USB 3.0 x 1, USB 2.0 x 2, Ethernet (RJ-45), Power DC jack

Side Ports

USB 3.0 x 2, microphone / headphone combo jack (3.5mm), card reader, HDMI-out, HDMI-in

TV tuner

None

PCIe Mini Card

One PCIe Mini Card slot for WLAN

Ethernet

Gigabit Ethernet connection

WLAN

11ac wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

NFC

Optional Near Field Communications (NFC)

Audio support

JBL® speakers (3 watt x 2), dual array microphone

Keyboard

Some: USB keyboard, full-size, 6-row, Fn keys, black or white
Some: 2.4G wireless keyboard, full-size, 6-row, Fn keys, black or white

Mouse

Some: USB optical wheel mouse, black or white
Some: 2.4G wireless laser wheel mouse, black or white

Remote control

None

Security

Power-on / admin hard disk password, Kensington® Lock

Security chip

None

Power supply

Internal 150 watts, 180 watts or 200 watts PSU, 100V-240V

Limited warranty

Some: 1-year, limited onsite service / service upgrades available
Some: 1-year or 2-year, depot service / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Home 64-bit
Some: No operating system
Preinstalled software includes but not limited to the following:

- Lenovo™ Companion 3.0
- Lenovo™ Solution Center
- Lenovo™ SHAREit
- Lenovo™ REACHit
- Microsoft Office 2013 (30-day trial)
- McAfee® LiveSafe™ (30-day trial)

Environment

ENERGY STAR 6.1; RoHS-compliant

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Model	F0BE006SUS
Product	ideacentre AIO 700-24ISH
Region	US
Machine Type	F0BE
Processor	Core i5-6400 (4C, 2.7 / 3.3GHz, 6MB)
Graphics	NVIDIA GeForce GTX 950A 2GB
Memory	4GBx2 DDR4
Display	23.8" FHD (1920x1080)
Multi-touch	10-point Multi-touch
Storage	1TB (8GB) SSHD 7200rpm 3.5"
Optical	DVD±RW
Media Reader	6-in-1
WLAN + Bluetooth	11ac, 1x1 + BT4.0
Camera	3D Camera
Speaker	JBL 3Wx2
NFC	None
Keyboard / Mouse	2.4G / 2.4G
Color	Black
Power Supply	180W
Operating System	Windows 10 Home 64
Warranty	1-year, Onsite
Ann Date (mm/yy)	01/16


















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