ideacentre AIO 330-20AST Platform Specifications

Processor

AMD E2 or A6 series APU

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
E2-9000	2 / 2	1.8 / 2.2 GHz	1 MB	DDR4-1866	Radeon R2 Series
A4-9125	2 / 2	2.3 / 2.6 GHz	1 MB	DDR4-2133	Radeon R3 Series
A6-9200	2 / 2	2.0 / 2.8 GHz	1 MB	DDR4-1866	Radeon R4 Series

Memory

8GB max, DDR4-2400*, one 260-pin SO-DIMM socket

* Clocks down for the processors with lower memory controller

Storage

Some: 500GB Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm
Some: 1TB Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm
Some: 128GB M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 2

Optical

Optional DVD Burner (DVD±RW), tray-in, slim (9.0mm)

Media reader

3-in-1 media card reader (SD, SDHC, SDXC)

Graphics

MD Radeon™ Graphics in processor, uses main memory, DirectX® 12, external monitor support via HDMI-out;
Max resolution: 1920x1080 (HDMI)@60Hz, 1440x900 (Panel)@60Hz

Display

19.5" (495.3mm) **WXGA+ (1440x900) TFT color**, WVA panel, wide viewing angle (+/- 88°), LED backlight, 250 nits, 16:10 aspect ratio, 1000:1 contrast ratio

Multi-touch

None

Camera

Optional 720p camera, fixed focus, with mono microphone, LED indicator

Controls

Power button and optical drive eject button (optional) on right side

Chipset

AMD SoC platform

Ports*

Rear: one USB 3.1 Gen1, two USB 2.0, one ethernet (RJ-45), one HDMI-out, one power connector
Bottom: one headphone / microphone combo jack (3.5mm), card reader

M.2 card slot

One for WLAN, one for SSD (optional slot, only for models with M.2 SSD)

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

Audio support

High Definition (HD) Audio, Realtek or Conexant chip / two internal speakers (2W x 2), Dolby® Audio™

WLAN[13]

Optional 11ac Wi-Fi + Bluetooth 4.0 combo adapter, M.2 card, dual band, 1x1

Bluetooth™

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

Ethernet

Gigabit ethernet, Realtek RTL8111G

Manageability

None

Security chip

None

Security features

Power-on password, administrator password, security slot (in rear for attachment of optional Kensington® MicroSaver® cable)

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Calliope Keyboard (USB connector), white

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Mouse (USB connector), white

Mechanical

- Black or white color

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand	18.1 x 1.9 x 12.7 (inch); 460.6 x 47.7 x 322.4 (mm)	N/A	N/A
With stand	18.1 x 8.8 x 15.5 (inch); 460.6 x 223.5 x 394.9 (mm)	8.6 / 3.9	Tilt: 40° back, -3° forward

Power supply

45 watts adapter, 100V-240V

Limited warranty[3]

Some: **1-year, limited mail-in service** / service upgrades available
Some: **1-year** or **2-year, depot repair service** / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Lenovo® Vantage
- Lenovo Application Explorer
- McAfee® LiveSafe™ (30-day trial)
- Cyberlink PowerDVD (DVD±RW)
- Cyberlink Power2GO (DVD±RW)
- User Guide
- LinkedIn

Environment

ENERGY STAR®; ErP Lot 3; RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**