# ideacentre 310S AMD Platform Specifications



**Processor** — AMD A or E series APUs

| Processor | Cores | Frequency (Base/Max) | Cache | Memory Types | Integrated Graphics |
|---|---|---|---|---|---|
| E2-9030 | 2 | 2.0 GHz / 2.2 GHz | 1 MB | DDR4-2133 | Radeon™ R2 |
| A4-9125 | | 2.3 GHz / 2.6 GHz | | | Radeon R3 |
| A6-9225 | | 2.6 GHz / 3.0 GHz | | | Radeon R4 |
| A6-9230 | | 2.6 GHz / 2.8 GHz | | DDR4-2400 | |
| A9-9420 | | 3.0 GHz / 3.6 GHz | | DDR4-2133 | Radeon R5 |
| A9-9425 | | 3.1 GHz / 3.7 GHz | | DDR4-2133 | |
| A9-9430 | | 3.2 GHz / 3.5 GHz | | DDR4-2400 | |

**Memory** — 16GB max, DDR4 1866MHz, 2400MHz or 2666MHz two UDIMM sockets, dual-channel capable

**Storage** — *Some:* SATA 6.0Gb/s, 3.5" wide, 7200 rpm
*Some:* SSD / SATA 6.0Gb/s, 2.5" wide

**Optical *(opt)*** — DVD±RW, SATA connector, slim

**Onboard SATA** — SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors

**Media reader** — Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)

**Graphics** — *Some:* AMD Radeon R2 / R3 / R4 / R5 Graphics in processor, uses main memory, DirectX® 12
*Some:* NVIDIA® GeForce® GT730, 1GB GDDR5 or 2GB GDDR3, one VGA, one HDMI, DirectX® 12
Max resolution: 1920x1200@60Hz (VGA); 4096x2160@30Hz (HDMI)

**Chipset** — AMD SoC platform

**Front ports** — Two USB 2.0, USB 3.1 Gen1, one headphone / microphone combo jack (3.5mm), one microphone (3.5mm), optional media reader

**Rear ports** — Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4b), power connector

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

**IEEE 1394** — None

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

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

**Bluetooth™ *(opt)*** — Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

**Ethernet** — One gigabit ethernet port, RTL8111GN

**Modem** — None

**Security features** — Power-on password, administrator password, hard-disk password

**Keyboard *(opt)*** — *Some:* Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver
*Some:* Lenovo Wireless Keyboard, Fn keys, black

**Mouse *(opt)*** — *Some:* Lenovo Calliope Mouse (USB connector), black or silver
*Some:* Lenovo Wireless Mouse, black

**Mechanical**
- SFF Tower (8.4L), silver color
- Dimensions (WxDxH): 3.54" x 11.69" x 13.54"; 90mm x 297mm x 344mm
- Weights (net weight): 9.5 lb (4.3 kg)
- Optional LI2264D Monitor (21.5")

Bay 1: silm optical bay
Bay 2: 3.5", disk
Bay 3: 2.5", disk
Slot 1: low-profile, PCIe x16 (version 2.0)
Slot 2: low-profile, PCIe x1 (version 2.0)
Slot 3: M.2 card slot (for WLAN)

**Power adapter** — *Some:* 65 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
*Some:* 90 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
*Some:* 120 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
*Some:* 150 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; GREENGUARD®; ErP Lot 3; RoHS-compliant