ideacentre 310S-08ASR 90G90061GE

Product
ideacentre 310S-08ASR

Region
WE

Country/Region
Germany

Machine Type
90G9

Processor
AMD A6-9225 (2C, 2.6 / 3.1GHz, 1MB L2)

Graphics
Integrated AMD Radeon R4 Graphics

Chipset
AMD SoC Platform

Memory
1x 4GB DIMM DDR4-2666

Storage
1x 1TB HDD 7200rpm 3.5"

Optical
9.0mm DVD±RW

Ethernet
Integrated 100/1000M

Media Reader
7-in-1

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

Color
Black

Keyboard
USB Calliope Keyboard, Black, German

Mouse
USB Calliope Mouse, Black

System Fan
Default

Power Supply
65W Adapter

Operating System
Windows 10 Home 64, German

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
192651269018

End of Support
N/A

Announce Date
2019-07-19

Recommended Services

Best
3Y Onsite upgrade from 2Y Depot/CCI (5WS0K82801)

Better
3Y Dept/CCI upgrade from 2Y Depot CCI (5WS0K82802)

Good
2Y Onsite upgrade from 2Y Depot/CCI (5WS0K82805)

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ideacentre 310S-08ASR 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

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

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 & black 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

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