

ideacentre 310S-08ASR [90G9009WGE](#)

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

256GB SSD 2.5" SATA6Gb/s Opal2

Optical

None

Media Reader

None

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Keyboard / Mouse

USB Black / USB Black

System Fan

None

Power Supply

65W Adapter

Operating System

Windows 10 Home 64

Color

Black

Base Warranty

2-year, Depot

Upsell Service Bundles

None

End of Support

2020-08-01

EAN / UPC

193638700265

Announce Date

2019-07-01

Recommended Service**Best**

3Y Onsite upgrade from 2Y Depot/CCI (5WS0K82805)

Better

3Y Dept/CCI upgrade from 2Y Depot CCI (5WS0K82805)

Good

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

 WWW.LENVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo™

ideacentre 310S-08ASR Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD A or E series APUs	Security features	Power-on password, administrator password, hard-disk password																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>E2-9030</td> <td rowspan="7">2</td> <td>2.0 GHz / 2.2 GHz</td> <td rowspan="7">1 MB</td> <td rowspan="3">DDR4-2133</td> <td>Radeon™ R2</td> </tr> <tr> <td>A4-9125</td> <td>2.3 GHz / 2.6 GHz</td> <td>Radeon R3</td> </tr> <tr> <td>A6-9225</td> <td>2.6 GHz / 3.0 GHz</td> <td rowspan="4">Radeon R4</td> </tr> <tr> <td>A6-9230</td> <td>2.6 GHz / 2.8 GHz</td> <td>DDR4-2400</td> </tr> <tr> <td>A9-9420</td> <td>3.0 GHz / 3.6 GHz</td> <td>DDR4-2133</td> </tr> <tr> <td>A9-9425</td> <td>3.1 GHz / 3.7 GHz</td> <td>DDR4-2133</td> </tr> <tr> <td>A9-9430</td> <td>3.2 GHz / 3.5 GHz</td> <td>DDR4-2400</td> <td>Radeon R5</td> </tr> </tbody> </table>	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	A9-9425	3.1 GHz / 3.7 GHz	DDR4-2133	A9-9430	3.2 GHz / 3.5 GHz	DDR4-2400	Radeon R5	<table border="1"> <tbody> <tr> <td>Keyboard (opt)</td> <td>Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver Some: Lenovo Wireless Keyboard, Fn keys, black</td> </tr> <tr> <td>Mouse (opt)</td> <td>Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Wireless Mouse, black</td> </tr> <tr> <td>Mechanical</td> <td> <ul style="list-style-type: none"> 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) </td> </tr> <tr> <td>Power adapter</td> <td> 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) </td> </tr> <tr> <td>Limited warranty</td> <td> <ul style="list-style-type: none"> 1-year, limited mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available </td> </tr> <tr> <td>Preload</td> <td> Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo® Rescue System Lenovo Companion Lenovo ID Adobe® Reader® </td> </tr> <tr> <td>Environment</td> <td>ENERGY STAR® 6.1; GREENGUARD®; ErP Lot 3; RoHS-compliant</td> </tr> </tbody> </table>	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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> Lenovo® Rescue System Lenovo Companion Lenovo ID Adobe® Reader® 	Environment	ENERGY STAR® 6.1; GREENGUARD®; ErP Lot 3; RoHS-compliant
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																																											
A9-9425		3.1 GHz / 3.7 GHz		DDR4-2133																																											
A9-9430		3.2 GHz / 3.5 GHz		DDR4-2400	Radeon R5																																										
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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> Lenovo® Rescue System Lenovo Companion Lenovo ID Adobe® Reader® 																																														
Environment	ENERGY STAR® 6.1; GREENGUARD®; ErP Lot 3; RoHS-compliant																																														
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																																														

ideacentre 310S-08ASR

