

ideacentre 510A-15ARR **90J0008VGE**

Product

ideacentre 510A-15ARR

Region

WE

Country/Region

Germany

Machine Type

90J0

Processor

AMD Ryzen 3 3200G (4C / 4T, 3.6 / 4.0GHz, 2MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon Vega 8 Graphics

Chipset

AMD SoC Platform

Memory

2x 4GB DIMM DDR4-2666

Storage

256GB SSD M.2 2280 PCIe

Optical

9.0mm DVD±RW

Media Reader

7-in-1

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

One Rear

Power Supply

180W 85% Energy Star

Operating System

Windows 10 Home 64, German

Color

Black

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC

194552978419

End of Support

2020-10-26

Announce Date

2019-09-26



WWW.LENOVO.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.

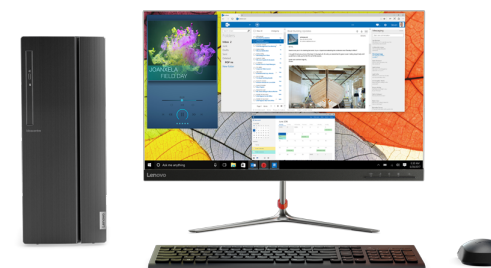
Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

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

© Lenovo, 2019. All rights reserved.



Lenovo™

ideacentre 510A-15ARR Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Athlon or A series or Ryzen™ 3 / 5 series processor						WLAN	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Ryzen 3 2200G	4 / 4	3.5 GHz / 3.7 GHz	2 MB	DDR4-2666	Radeon Vega 8 Graphics	Ethernet	One gigabit ethernet port, RTL8111GN
	Ryzen 5 2400G	4 / 8	3.6 GHz / 3.9 GHz			Radeon RX Vega 11 Graphics	Modem	None
	Ryzen 3 3200G	4 / 4	3.6 GHz / 4.0 GHz			Radeon Vega 8 Graphics	Security features	- Power-on password - Administrator password - Hard-disk password
	Ryzen 5 3400G	4 / 8	3.7 GHz / 4.2 GHz	4 MB	DDR4-2933	Radeon RX Vega 11 Graphics	Keyboard	Lenovo Calliope Keyboard (USB connector), Fn keys, black
	Athlon 200GE	2 / 4	3.2 GHz	1 MB	DDR4-2666	Radeon Vega 3 Graphics	Mouse	Lenovo Calliope Mouse (USB connector), black
	Athlon 300GE	2 / 4	3.4 GHz	1 MB	DDR4-2666	Radeon Vega 3 Graphics	Mechanical	- Tower (15L), black color - Dimensions (WxDxH): 5.71" x 11.22" x 14.41"; 145mm x 285.2mm x 366.03mm - Weights (net weight): 15.1 lb (6.85 kg), weight may vary by configuration - Optional front and rear system fan - Bay 1: slim optical bay - Bay 2: 3.5", disk bay - Bay 3: 3.5" or 2.5", disk bay - Slot 1: full-length half-height, PCIe 3.0 x16 - Slot 2: full-length half-height, PCIe 3.0 x1 - M.2 card slots: one for WLAN, one for M.2 SSD
	PRO A6-8570	2 / 2	3.5 GHz / 3.8GHz	1 MB	DDR4-2400	Radeon R5	Power supply	<i>Some:</i> 180 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V) <i>Some:</i> 210 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V)
	A6-9500	2 / -	3.5 GHz / 3.8 GHz	1 MB	DDR4-2400	Radeon R5	Limited warranty	1-year or 2-year, depot repair service / service upgrades available 1-year, limited mail-in service / service upgrades available
	A8-9600	4 / -	3.1 GHz / 3.4 GHz	2 MB	DDR4-2400	Radeon R7	Preload	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) - Microsoft Office preloaded; purchase a product key to activate - Lenovo® Application Explorer - Lenovo PC Manager - McAfee® LiveSafe™ (30-day trial) - PowerDVD (DVD±RW) - Power2GO (DVD±RW)
	A10-9700	4 / -	3.5 GHz / 3.8 GHz	2 MB	DDR4-2400	Radeon R7	Environment	ENERGY STAR 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant
	A12-9800	4 / -	3.8 GHz / 4.2 GHz	2 MB	DDR4-2400	Radeon R7		
Memory	32GB max, 2666MHz DDR4, two sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller							
Storage	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x2, 16Gb/s							
Optical (opt)	DVD±RW, SATA 1.5Gb/s, slim							
Onboard SATA	SATA 6.0Gb/s controller, two SATA 6.0Gb/s connectors							
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)							
Graphics	<i>Some:</i> AMD Radeon R5 or R7 Graphics in processor, uses main memory, DirectX 12, one VGA, one HDMI <i>Max resolution:</i> 4096x2160@24Hz (HDMI); 3840x2160@60Hz (VGA) <i>Some:</i> AMD Radeon Vega 8 or RX Vega 11 Graphics in processor, uses main memory, DirectX 12, <i>Max resolution:</i> 4096x2160@24Hz (HDMI); 3840x2160@60Hz (VGA) <i>Some:</i> AMD Radeon RX 550, 2GB GDDR5 , DirectX 12, one HDMI, one DVI, one DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2560x1600 (DVI)@60Hz <i>Some:</i> AMD Radeon RX 560, 4GB GDDR5 , DirectX 12, one HDMI, one DVI, one DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2560x1600 (DVI)@60Hz							
Chipset	AMD B300 Chipset							
Front ports*	One headphone / microphone combo jack (3.5mm), two USB 3.1 Gen1, one microphone (3.5mm), optional media reader, two USB 2.0							
Rear ports*	Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4)							
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							

ideacentre 510A-15ARR

