

ideacentre 510A-15ARR [90J0009BGE](#)

Product

ideacentre 510A-15ARR

Region

WE

Country/Region

Germany

Machine Type

90J0

Processor

AMD Ryzen 5 3400G (4C / 8T, 3.7 / 4.2GHz, 2MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon RX Vega 11 Graphics

Chipset

AMD SoC Platform

Memory

2x 8GB DIMM DDR4-2666

Storage

512GB SSD M.2 2280 NVMe

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

194632102987

End of Support

2020-11-14

Announce Date

2019-10-14



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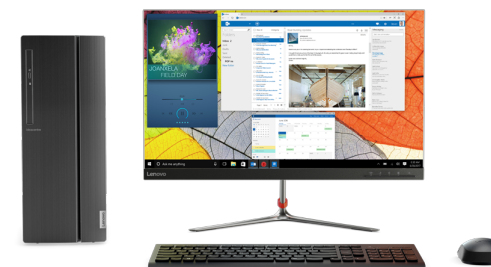
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Lenovo™

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	Some: 180 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		Some: 210 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V)
	A8-9600	4 / -	3.1 GHz / 3.4 GHz	2 MB	DDR4-2400	Radeon R7	Limited warranty	1-year or 2-year, depot repair service / service upgrades available 1-year, limited mail-in service / service upgrades available
	A10-9700	4 / -	3.5 GHz / 3.8 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)
	A12-9800	4 / -	3.8 GHz / 4.2 GHz	2 MB	DDR4-2400	Radeon R7	Environment	ENERGY STAR 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant
Memory	32GB max, 2666MHz DDR4, two sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller							
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: 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	Some: 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) Some: 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) Some: 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 Some: 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							

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