

ideacentre 510A-15ARR [90J0006HGE](#)

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 + 1TB HDD
7200rpm 3.5"

Optical

9.0mm DVD±RW

Media Reader

7-in-1

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Keyboard / Mouse

USB Black / USB Black

System Fan

One Rear

Power Supply

180W 85% Energy Star

Operating System

Windows 10 Home 64

Color

Black

Base Warranty

2-year, Depot

Upsell Service Bundles

None

End of Support

N/A

EAN / UPC

193638878179

Announce Date

2019-08-30



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ideacentre 510A-15ARR Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ 3 / 5 series processor						WLAN Bluetooth™ Ethernet Modem	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, RTL8111GN None
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics		
	Ryzen 3 2200G	4 / 4	3.5 GHz / 3.7 GHz	2 MB	DDR4-2666	Radeon Vega 8 Graphics		
	Ryzen 5 2400G	4 / 8	3.6 GHz / 3.9 GHz			Radeon RX Vega 11 Graphics		
Memory	32GB max, 2666MHz DDR4, two sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Security features	• Power-on password • Administrator password • Hard-disk password
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						Keyboard Mouse	Lenovo Calliope Keyboard (USB connector), Fn keys, black Lenovo Calliope Mouse (USB connector), black
Optical (opt)	DVD±RW, SATA 1.5Gb/s, slim							
Onboard SATA	SATA 6.0Gb/s controller, two SATA 6.0Gb/s connectors							
Media reader	<i>Optional</i> 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						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
Chipset	AMD B300 Chipset						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)
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						Limited warranty	• 1-year or 2-year, depot repair service / service upgrades available • 1-year, limited mail-in service / service upgrades available
Rear ports*	Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4)						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)
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)							
IEEE 1394	None <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>							
Audio support	High Definition (HD) Audio, Realtek® ALC662						Environment	ENERGY STAR 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

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