

ideacentre 510A-15ARR 90J000B4GE

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

1x 9.0mm DVD±RW

Ethernet

Integrated 100/1000M

Media Reader

7-in-1 Card Reader

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Color

Chassis: Black bezel: Iron grey

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

1x Rear

Power Supply

180W 85% Energy Star

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778587471

End of Support

2021-03-12

Announce Date

2020-02-12



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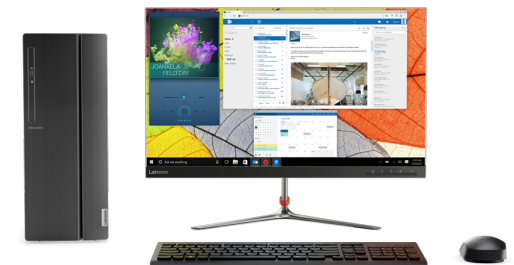
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Lenovo™

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 chassis, iron grey bezel • 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 7.0; 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	<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							
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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