

ideapad 320 (15") AMD 80XS00CJIX

Product
ideapad 320-15ABR

Region
WE

Country
Italy

Machine Type
80XS

Processor
AMD A10-9620P (4C, 2.5 / 3.4GHz, 2MB)

Graphics
AMD Radeon 530 2GB GDDR5

Memory
16GB DDR4-1866 DIMM

Display
15.6" HD (1366x768)

Multi-touch
None

Storage
1TB 5400rpm

Optical
DVD±RW

Ethernet
100/1000M

WLAN + Bluetooth
11ac, 1x1 + BT4.1

Color
Onyx Black

Camera
0.3MP

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
65W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
11/17

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.
<https://www.lenovo.com/hk/en/battery-info>



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ideapad 320 (15") AMD Platform Specifications - 15ABR / 15AST

Product Specifications Reference (PSREF)

Processor	15ABR: AMD A-Series APUs and FX™ APUs							Ethernet	15ABR: Gigabit Ethernet connection 15AST: 10/100M Ethernet connection	
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card	
	A10-9620P	4	2.5 GHz	3.4 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	A12-9720P		2.7 GHz	3.6 GHz			AMD Radeon R7 Graphics	Dimensions	WxDxH: 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm	
	FX-9800P		2.7 GHz	3.6 GHz				Weight	2.2 kg (4.85 lb)	
	15AST: AMD A-Series APUs and E-Series APUs							Case color	Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)	
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case material	PC/ABS plastic	
	E2-9000	2	1.8 GHz	2.2 GHz		DDR4-1866	AMD Radeon R2 Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	A4-9120		2.2 GHz	2.5 GHz	1MB	DDR4-2133	AMD Radeon R3 Graphics	Ports	15ABR: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1 15AST: one USB 3.1 Gen 1 (USB 3.0), one USB 2.0 All: HDMI 1.4b, Ethernet (RJ-45)	
	A6-9220		2.5 GHz	2.9 GHz			AMD Radeon R4 Graphics	Camera	0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone	
A9-9420	3.0 GHz		3.6 GHz	AMD Radeon R5 Graphics			Audio support	HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack		
Graphics	15ABR: AMD Radeon R5 or R7 Graphics in processor only, or AMD Radeon R5 or R7 Graphics in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory)							Keyboard	6-row, multimedia Fn keys, numeric keypad	
	15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, or AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)							Touchpad	One-piece multi-touch touchpad	
	15ABR: AMD Radeon R5 or R7 Graphics in processor only, or AMD Radeon R5 or R7 Graphics in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory)							Security	Power-on password, hard disk password, supervisor password, security keyhole	
	15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, or AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)							Security chip	None	
	15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, or AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)							Fingerprint reader	Optional for 15ABR: touch style fingerprint reader on the palm rest	
Chipset	AMD SoC (System on Chip) platform							Battery	integrated Li-Ion 30Wh or 35Wh battery	
Memory	15ABR: 16GB max / 1866MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Max battery life	MobileMark® 2014: 4.5 hr (15ABR) / 6 hr (15AST)	
	15AST: 8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							AC adapter	45W or 65W AC adapter	
	* System clocks down for processors with lower memory controller							Preload	Windows® 10 Home 64	
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio							Limited warranty	One of the following, configurable by model:	
	Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								• 1-year mail-in repair service	
Multi-touch	None								• 1-year depot repair service	
									• 2-year/1-yr battery depot repair service	
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high									
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in									

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