

ideapad 320 (17") AMD 80XW005YIX

Product
ideapad 320-17AST

Region
WE

Country
Italy

Machine Type
80XW

Processor
AMD E2-9000 (2C, 1.8 / 2.2GHz, 1MB)

Graphics
Integrated AMD Radeon R2 Graphics

Memory
4GB DIMM DDR4-1866

Display
17.3" HD+ (1600x900) Anti-glare

Multi-touch
None

Storage
1TB 5400rpm

Optical
DVD±RW

Ethernet
10/100M

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

Color
Onyx Black

Camera
0.3MP

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
45W

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 (17") AMD Platform Specifications - 17ABR / 17AST

Product Specifications Reference (PSREF)

Processor	17ABR: AMD A-Series APUs and FX™ APUs							Ethernet	17ABR: Gigabit Ethernet connection 17AST: 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: 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm
	FX-9800P		2.7 GHz	3.6 GHz			Case color	Onyx black or platinum grey	
	17AST: AMD A-Series APUs and E-Series APUs							Case material	PC/ABS plastic
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
	E2-9000	2	1.8 GHz	2.2 GHz		DDR4-1866	AMD Radeon R2 Graphics	Ports	17ABR: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1 17AST: one USB 3.1 Gen 1 (USB 3.0), one USB 2.0 All: HDMI 1.4b, Ethernet (RJ-45)
	A4-9120		2.2 GHz	2.5 GHz	1MB	DDR4-2133	AMD Radeon R3 Graphics	Camera	0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone
	A6-9220		2.5 GHz	2.9 GHz			AMD Radeon R4 Graphics	Audio support	HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack
A9-9420	3.0 GHz		3.6 GHz	AMD Radeon R5 Graphics			Keyboard	6-row, multimedia Fn keys, numeric keypad	
							Touchpad	One-piece multi-touch touchpad	
							Security	Power-on password, hard disk password, supervisor password, security keyhole	
							Security chip	None	
							Fingerprint reader	Optional for 15ABR: touch style fingerprint reader on the palm rest	
							Battery	integrated Li-Ion 30Wh or 35Wh battery	
							Max battery life	MobileMark® 2014: 4.5 hr (17ABR) / 5.5 hr (17AST)	
							AC adapter	45W or 65W AC adapter	
							Preload	Windows® 10 Home 64	
							Limited warranty	One of the following, configurable by model: • 1-year mail-in repair service • 1-year depot repair service • 2-year/1-yr battery depot repair service	
							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
Graphics	17ABR: 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) 17AST: 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 GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)								
Chipset	AMD SoC (System on Chip) platform								
Memory	17ABR: 16GB max / 1866MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket 17AST: 8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller								
Display	Some: 17.3" (439mm) HD+ (1600x900), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio, 72% gamut Some: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut								
Multi-touch	None								
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high								
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								

Note: The specifications above may not be available in all regions.

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