

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				Weight	2.8 kg (6.17 lb)
	17AST: AMD A-Series APUs and E-Series APUs							Case color	Onyx black or platinum grey
	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	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)
	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	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)							Keyboard	6-row, multimedia Fn keys, numeric keypad
	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)							Touchpad	One-piece multi-touch touchpad
	AMD SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password, security keyhole
	17ABR: 16GB max / 1866MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Security chip	None
	17AST: 8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller							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	17ABR: 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 (17ABR) / 5.5 hr (17AST)
	17AST: 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: 17.3" (439mm) HD+ (1600x900), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio, 72% gamut							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
	Some: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
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.

Lenovo
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