ideapad 320 (17") AMD 80YN0025GE

Product
ideapad 320-17ABR

Region
WE

Country
Germany

Machine Type
80YN

Processor
AMD A12-9720P (4C, 2.7 / 3.6GHz, 2MB)

Graphics
Integrated AMD Radeon R7 Graphics

Memory
4GB Soldered + 4GB DIMM DDR4-1866

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

Multi-touch
None

Storage
2TB 5400rpm

Optical
DVD±RW

Ethernet
100/1000M

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

Color
Onyx Black

Camera
720p

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)
01/18

Recommended Services

Good
3Y Courier/Carry-in upgrade from 2Y Courier/Carry-in (5WS0K75717)

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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

Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
A10-9620P	4	2.5 GHz	3.4 GHz	2MB	DDR4-1866	AMD Radeon™ R5 Graphics
A12-9720P		2.7 GHz	3.6 GHz			AMD Radeon R7 Graphics
FX-9800P		2.7 GHz	3.6 GHz			

17AST: AMD A-Series APUs and E-Series APUs

Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
E2-9000	2	1.8 GHz	2.2 GHz	1MB	DDR4-2133	AMD Radeon R2 Graphics
A4-9120		2.2 GHz	2.5 GHz			AMD Radeon R3 Graphics
A6-9220		2.5 GHz	2.9 GHz			AMD Radeon R4 Graphics
A9-9420		3.0 GHz	3.6 GHz			AMD Radeon R5 Graphics

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

Ethernet
17ABR: Gigabit Ethernet connection
17AST: 10/100M Ethernet connection

WLAN
Bluetooth™
11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions
WxDxH: 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm
Weight
2.8 kg (6.17 lb)
Case color
Onyx black or platinum grey
Case material
PC/ABS plastic

Media reader
4-in-1 reader (MMC, SD, SDHC, SDXC)
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)

Camera
0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone
Audio support
HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack

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

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

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