ideapad 320 (15") AMD 80XS00ELGE

Product
ideapad 320-15ABR

Region
WE

Country
Germany

Machine Type
80XS

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

Graphics
Integrated AMD Radeon R5 Graphics

Memory
4GB Soldered + 4GB DIMM DDR4-1866

Display
15.6" FHD (1920x1080)

Multi-touch
None

Storage
128GB SSD

Optical
None

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)
09/18

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.

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

Processor

15ABR: 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			

15AST: 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		DDR4-1866	AMD Radeon R2 Graphics
A4-9120		2.2 GHz	2.5 GHz	1MB	DDR4-2133	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

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)

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)

Chipset
AMD SoC (System on Chip) platform

Memory
15ABR: 16GB max / 1866MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
15AST: 8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display
Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio

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
15ABR: Gigabit Ethernet connection
15AST: 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: 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm
Weight
2.2 kg (4.85 lb)
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)
Case material
PC/ABS plastic

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

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 (15ABR) / 6 hr (15AST)
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

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