ideapad 320 (17") Intel 81BJ0058GE

Product
ideapad 320-17IKB

Region
WE

Country
Germany

Machine Type
81BJ

Processor
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
4GB Soldered + 4GB DIMM DDR4-2133

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

Multi-touch
None

Storage
256GB SSD

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

Best
3Y Onsite upgrade from 2Y Courier/Carry-in (5WS0K75731)

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

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ideapad 320 (17'') Intel Platform Specifications - 17IKB

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor,

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		

Intel Pentium® Processor, 7th Generation Intel Core i3 / i5 / i7 Processor, or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Pen 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U			2.4 GHz	-	3MB		Intel HD Graphics 620
i5-7200U			2.5 GHz	3.1 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		

8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2133	Intel UHD Graphics 620
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

Integrated Graphics in Processor	Discrete Graphics (Memory)
Intel HD Graphics 520 / 610 / 620	-
Intel UHD Graphics 620	-
Intel HD Graphics 610 / 620	NVIDIA® GeForce® 920MX (2GB GDDR5)
	NVIDIA GeForce 940MX (2GB / 4GB GDDR5)
Intel UHD Graphics 620	NVIDIA GeForce MX150 (2GB or 4GB GDDR5)

supports dual independent display;
Max resolution: 1920x1080@60Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
16GB max / 2133MHz DDR4, dual-channel capable,
optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

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
Some: M.2 SSD / PCIe 3.0, 8Gb/s

Optical *(optional)*
DVD burner, 9.0mm high, fixed, not removable, tray-in

Ethernet
Gigabit Ethernet connection

WLAN
11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™
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
Two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1,
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: touch style fingerprint reader on the palm rest

Battery
integrated Li-Ion 30Wh or 35Wh battery

Max battery life
MobileMark® 2014: 6 hr

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.

ideapad 320 (17") Intel Platform Specifications - 17ISK

Processor

6th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i7-6500U			2.5 GHz	3.1 GHz	4MB		

Graphics

Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and
NVIDIA GeForce 920MX (2GB GDDR5 memory);
supports dual independent display;
Max resolution: 1920x1080@60Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

12GB max / 2133MHz DDR4, dual-channel capable,
optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

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

Gigabit Ethernet connection

WLAN

11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

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

Two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1,
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

None

Battery

integrated Li-Ion 30Wh or 35Wh battery

Max battery life

MobileMark® 2014: 6 hr

AC adapter

45W or 65W AC adapter

Preload

Windows® 10 Home 64

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One of the following, configurable by model:

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