ideapad 500-15ISK Platform Specifications

Processor

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

Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Types	Processor Graphics
i3-6100U	2	4	2.3 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 520
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB		
i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB		

Graphics

Some: Intel HD Graphics 520 only, integrated in processor
Some: Integrated Intel Graphics and AMD Radeon™ R7 M360, 2GB or 4GB memory
supports dual independent display
Max resolution: 2560x1600@60Hz (HDMI); 1920x1200@60Hz (VGA)

Chipset

Intel Soc (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, two 204-pin SO-DIMM sockets

Display

Some: 15.6" (396.2mm) HD (1366x768) color, LED backlight, glare surface, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 15.6" (396.2mm) FHD (1920x1080) color, LED backlight, glare or anti-glare surface, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio

Multi-touch

None

Storage

Some: HDD / 2.5" wide, 5400 rpm, 9.5mm or 7mm high
Some: SSHD with 8GB NAND flash memory, 9.5mm or 7mm high
Some: SSD / SATA 6.0 Gb/s, 2.5" wide

SATA controller

Serial ATA, SATA 6.0Gb/s support, integrated in processor

Optical

Some: integrated ODD with DVD±RW, 9.0mm high, tray-in

Ethernet

Gigabit Ethernet connection

WLAN

11ac+BT: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
Intel 3165 ac+BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 15.12" x 10.43" x 0.97" (384mm x 265mm x 24.6mm)

Weight

2.3kg (5.07lb) with 4-cell battery

Case color

Black or white

Case material

PC/ABS plastic

Media reader

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

Ports

One USB 2.0, two USB 3.0, VGA, HDMI, Ethernet (RJ-45), audio combo jack

Camera

Some: 1.0MP (HD720P), fixed focus, combo array microphone
Some: Intel RealSense™ 3D camera, combo array micophone

Audio support

Some: Stereo speakers with Dolby® Home Theater, 2.5W x 2 dual array microphone, combo audio / microphone jack
Some: JBL speakers with Dolby® Home Theater, 2.5W x 2 dual array microphone, combo audio / microphone jack

Keyboard

6-row, multimedia Fn keys, numberic keypad, optional backlight

Touchpad

One-piece multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

None

Fingerprint reader

None

Battery type

Integrated Li-Cyllinder 4-cell (32Wh or 41Wh) battery

Battery life

up to 4hr

AC adapter

Integrated models: 45-watt AC adapter; *Discrete models:* 65-watt AC adapter

Preload

Windows® 10 Home 64
Preloaded applications (only some listed)
- Lenovo SHAREit
- Lenovo OneKey™ Recovery
- Netflix
- Lenovo Photo Master
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate

Limited warranty

1-year Mail In repair service / service upgrades available

Environment

EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

ideapad 500-15ACZ Platform Specifications

Processor

AMD A10, A8 or FX series APUs

Processor Number	# of Cores	Base Frequency	Max Frequency	Cache	Memory Types	Processor Graphics
A10-8700P	4	1.8 GHz	3.2 GHz	2MB	DDR3L-1600	Radeon™ R6
A8-8600P	4	1.6 GHz	3.0 GHz	2MB		
FX-8800P	4	2.1 GHz	3.4 GHz	2MB		Radeon R7

Graphics

Some: AMD Radeon Graphics only, integrated in processor
Some: AMD Radeon Graphics and AMD Radeon™ R5 M330, 2GB memory supports dual independent display
Max resolution: 2560x1600@60Hz (HDMI); 1920x1200@60Hz (VGA)

Chipset

AMD SoC (System on Chip) platform

Memory

16GB max / PC3-12800 1600MHz DDR3L, two 204-pin SO-DIMM sockets

Display

Some: 15.6" (396mm) FHD (1920x1080) color, LED backlight, glare surface, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Some: 15.6" (396mm) FHD (1920x1080) color, LED backlight, anti-glare surface, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

Multi-touch

None

Storage

Some: HDD / 2.5" wide, 5400 rpm, 9.5mm or 7mm high
Some: SSHD with 8GB NAND flash memory, 9.5mm or 7mm high
Some: SSD / SATA 6.0 Gb/s, 2.5" wide

SATA controller

Serial ATA, SATA 6.0Gb/s support

Optical

Some: integrated ODD with DVD±RW, 9.0mm high, tray-in

Ethernet

Gigabit Ethernet connection

WLAN

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

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 15.12" x 10.43" x 0.97" (384mm x 265mm x 24.6mm)

Weight

2.3kg (5.07lb)

Case color

Black or white

Case material

PC/ABS plastic

Media reader

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

Ports

One USB 2.0, two USB 3.0, VGA, HDMI, Ethernet (RJ-45), audio combo jack

Camera

1.0MP (HD720P), fixed focus, combo array microphone

Audio support

Some: Stereo speakers with Dolby® Home Theater, 2.5W x 2 dual array microphone, combo audio / microphone jack
Some: JBL speakers with Dolby® Home Theater, 2.5W x 2 dual array microphone, combo audio / microphone jack

Keyboard

6-row, multimedia Fn keys, numberic keypad, optional backlight

Touchpad

One-piece multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

None

Fingerprint reader

None

Battery type

Integrated Li-Cyllinder 4-cell (32Wh or 41Wh) battery

Battery life

Up to 4hr

AC adapter

Integrated models: 45-watt AC adapter; *Discrete models:* 65-watt AC adapter

Preload

Windows® 10 Home 64
Preloaded applications (only some listed)
- Lenovo™ SHAREit
- Lenovo OneKey™ Recovery
- Lenovo REACHit
- Lenovo Photo Master
- McAfee® LiveSafe™ (30-day trial)

Limited warranty

1-year Mail In repair service / service upgrades available

Environment

EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant