Lenovo V330 (14") 81B1002Y++

Product
Lenovo V330-14ARR

Region
EMEA

Machine Type
81B1

Processor
AMD Ryzen 3 2200U (2C, 2.5 / 3.4GHz, 1MB)

Graphics
Integrated AMD Radeon Vega 3 Graphics

Memory
4GB Soldered + 4GB DIMM

Display
14" FHD (1920x1080)

Multi-touch
None

Storage
256GB SSD, APS ready

Optical
None

Ethernet
100/1000M

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

USB Port
USB 3.1 Gen 1x2 + USB 3.1 Typc-C Gen 2

Color
Iron Grey

Camera
720p

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
Fingerprint Reader

Battery
2-cell (30Wh) + None

Power Adapter
45W

Operating System
Windows 10 Pro 64

Warranty
1-year, Depot

Ann Date (mm/yy)
12/18

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.
https://www.lenovo.com/hk/en/battery-info

WWW.LENOVO.COM

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https://psref.lenovo.com
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Lenovo V330 (14") Intel Platform Specifications

Processor

V330-14ISK: 6th Generation Intel® Core® i3 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

V330-14IKB: 7th Generation Intel® Core® i5 Processor or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620

8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics

V330-14ISK: Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and
AMD Radeon 530, 2GB GDDR5 VRAM;
V330-14IKB: Intel HD Graphics 620 or UHD Graphics 620 in processor only, or
Intel HD Graphics 620 or UHD Graphics 620 in processor and
AMD Radeon 530, 2GB GDDR5 VRAM;
supports three independent displays;
Max resolution: 3840x2160@30Hz (HDMI); 1920x1200@60Hz (VGA)

Chipset

Intel SoC (System on Chip) platform

Memory

20GB max / 2400MHz DDR4, dual-channel capable,
up to 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

Display

Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: M.2 SSD / SATA 6.0Gb/s
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, optional Active Protection System (APS)
Some: Intel Optane™ Memory, 16GB, M.2 (V330-14IKB only)

SATA controller

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

UltraBay

One modular bay for interchangeable devices, bottom access

Ethernet

Gigabit Ethernet connection

WLAN

11ac, 1x1 + BT4.1: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
11ac, 2x2 + BT4.1: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 13.5" x 9.72" x 0.79"; 343mm x 247mm x 20.3mm

Weight

Models	*Max w/o 2nd battery*	*Max w/ 2nd battery*
Max Weights	1.70 kg / 3.75 lb	1.85 kg / 4.07 lb

Case color

Iron Gray

Case material

PC/ABS plastic

Media reader

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

Ports

Two USB 3.0 (one with optional Always On), one USB 3.1 Type-C Gen 1, one optional USB 3.1 Type-C Gen 1 (with the function of DisplayPort and PowerDelivery), one USB 2.0 in Ultra-bay, VGA, HDMI, Ethernet (RJ-45)
** Depending on many factors, actual data transfer speed may be lower than theoretical speed.*

Camera *(optional)*

0.3MP or 720p, fixed focus, physical camera shutter

Audio support

Stereo speakers with Dolby® Audio™, 2W x 2 /
optional monaural or dual-array digital microphone, combo audio/microphone jack

Keyboard

6-row, multimedia Fn keys, spill resistant, optional backlit

Touchpad

One-piece touchpad, multi-touch

Security

Power-on password, hard disk password, supervisor password, security keyhole, optional Active Protection System (APS)

Security chip

Firmware TPM 2.0, integrated in chipset

Fingerprint reader

Optional: Touch-type fingerprint reader on the palm rest

Internal battery

Integrated Li-Polymer 2-cell *(30Wh or 39Wh)*

UltraBay battery

Optional: Li-Polymer 2-cell *(39Wh)*

Max battery life (*MobileMark® 2014*)

Models	*2-cell 30Wh*	*2-cell 39Wh*	*2-cell 30Wh + 2-cell 39Wh*	*2-cell 39Wh + 2-cell 39Wh*
Max battery life	6 hr	8 hr	14 hr	16 hr

** Battery life varies significantly with settings, usage, & other factors.*

AC adapter

45W or 65W AC adapter

Preload

V330-14ISK only:
Some: Windows® 7 Professional 32 preinstalled through downgrade rights in Windows 10 Pro 32
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64

V330-14ISK and V330-14IKB:
Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate
- McAfee® LiveSafe™ (30-day trial)

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 2-year/1-yr battery depot repair service

Environment

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

Lenovo V330 (14") AMD Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD Ryzen™ Mobile Processors with Radeon Vega Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
Ryzen 3 2200U	2	4	2.5 GHz	3.4 GHz	1MB	DDR4-2400	AMD Radeon Vega 3 Graphics
Ryzen 3 2300U	4	4	2.0 GHz	3.4 GHz	2MB		AMD Radeon Vega 6 Graphics
Ryzen 5 2500U	4	8	2.0 GHz	3.6 GHz	2MB		AMD Radeon Vega 8 Graphics

Graphics

AMD Radeon Vega 3 / Vega 6 / Vega 8 Graphics in processor only, or
AMD Radeon Vega 3 Graphics and
AMD Radeon 540 (2GB GDDR5 memory);
supports three independent displays;
Max resolution: 3840x2160@30Hz (HDMI); 1920x1200@60Hz (VGA)

Chipset

AMD SoC (System on Chip) platform

Memory

8GB max / 2400MHz DDR4, dual-channel capable,
up to 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
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Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (for Ryzen 3 processor)
Some: M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (for Ryzen 5 processor)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, optional Active Protection System (APS)

SATA controller

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

UltraBay

One modular bay for interchangeable devices, bottom access

Ethernet

Gigabit Ethernet connection

WLAN

11ac, 1x1 + BT4.1: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card

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Weights	1.55 kg / 3.42 lb	1.70 kg / 3.75 lb	1.85 kg / 4.07 lb

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Iron Gray

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PC/ABS plastic

Media reader

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

Ports

Two USB 3.0 (one with optional Always On), one USB 3.1 Type-C Gen 2, one USB 2.0 in Ultra-bay, VGA, HDMI, Ethernet (RJ-45)
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Internal battery

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UltraBay battery

Optional: Li-Polymer 2-cell *(39Wh)*

Max battery life (*MobileMark® 2014*)

Models	*2-cell 30Wh*	*2-cell 39Wh*	*2-cell 30Wh + 2-cell 39Wh*	*2-cell 39Wh + 2-cell 39Wh*
Max battery life	5 hr	6.5 hr	11.5 hr	13 hr

** Battery life varies significantly with settings, usage, & other factors.*

AC adapter

45W or 65W AC adapter

Preload

Some: Windows 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
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