Lenovo V330-14ARR Platform Specifications

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
* 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:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: M.2 2280 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 2280 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
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	Min	Max w/o 2nd battery	Max w/ 2nd battery
Weights	1.55 kg / 3.42 lb	1.70 kg / 3.75 lb	1.85 kg / 4.07 lb

Case color — Iron Grey
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 2,
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 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
Security chip — Firmware TPM 2.0, integrated in chipset
Fingerprint reader — *Optional:* Touch style 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	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
• 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