Lenovo V330-14IKB Platform Specifications

Processor	7th Generation Intel® Core™ i5 Processor or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-7130U			2.7 GHz	-			
i5-7300U			2.6 GHz	3.5 GHz			
i5-7200U			2.5 GHz	3.1 GHz			

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	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; support external digital monitor via HDMI or VGA; supports three independent displays; Max resolution: 3840x2160@30Hz (HDMI); 1920x1200@60Hz (VGA)
Chipset **Memory**	Intel SoC (System on Chip) platform 20GB max / 2133MHz DDR4 (7th Gen Core model), 20GB max / 2400MHz DDR4 (8th Gen Core model), 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
Display	*Some:* 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio *Some:* 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
Multi-touch	None
Storage	Up to 2 drives (one HDD and one M.2 SSD): • M.2 SSD / SATA 6.0Gb/s • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, optional Active Protection System (APS)
Optane Memory	*Optional:* Intel Optane™ Memory, 16GB, M.2
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+ **Bluetooth™**	One of the following, configurable by model: • 11ac, 1x1 + BT4.2: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card • 11ac, 2x2 + BT4.2: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

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

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 **Case material**	Iron grey, mineral grey PC/ABS plastic
Media reader **Ports**	4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.1 Gen 1 (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 DP and PowerDelivery), one optional USB 2.0 in Ultra-bay, VGA, HDMI, Ethernet (RJ-45), 4-in-1 reader (MMC, SD, SDHC, SDXC), security keyhole * Depending on many factors, actual data transfer speed may be lower than theoretical speed.
Camera	*One of the following, configurable by model:* • 0.3MP with monaural microphone, fixed focus, physical camera shutter • 720p with monaural or dual-array microphone, fixed focus, physical camera shutter
Audio support	HD Audio, stereo speakers with Dolby Audio™, 2W x 2, monaural or dual-array microphone, combo audio/microphone jack
Keyboard **Touchpad**	6-row, multimedia Fn keys, spill resistant, optional backlit One-piece touchpad, multi-touch
Security **Security chip** **Fingerprint reader**	Power-on password, hard disk password, supervisor password, security keyhole, optional Active Protection System (APS) Firmware TPM 2.0, integrated in chipset *Optional:* Touch-type fingerprint reader on the palm rest
Internal battery **UltraBay battery** **Max battery life** (*MobileMark® 2014*)	Integrated Li-Polymer 2-cell *(30Wh or 39Wh)* *Optional:* Li-Polymer 2-cell *(39Wh)*

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 slim tip 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 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.