Lenovo

Lenovo V V17 Intel® Core™ i7 i7-1355U Laptop 43.9 cm (17.3") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Grey

Brand : Lenovo   **Product family:** V   **Product code:** 83A20002UK

Product name : V17

- Windows 11 Pro 64-bit
- Intel Core i7-1355U (12MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS
- 16GB (3200MHz) DDR4-SDRAM (1 x 8) & 512GB SSD

Intel Core i7-1355U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

Lenovo V V17. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 2.02 kg

Design	
Colour name	Iron Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	43.9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	300 cd/m²
RGB colour space	NTSC
Colour gamut	72%
Contrast ratio (typical)	800:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-1355U
Processor cores	10
Processor threads	12
Processor boost frequency	5 GHz
Performance cores	2
Efficient cores	8

Camera	
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4b
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Performance	
Motherboard chipset	Intel SoC

Keyboard	
Pointing device	Touchpad
Keyboard layout	QWERTY

Processor

Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	12 W
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	On-board + SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	16 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC, MMC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio chip	Realtek ALC3287
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Keyboard

Keyboard language	UK English
Numeric keypad *	✔
Keyboard backlit	✘
Spill-resistant keyboard	✔

Software

Operating system architecture	64-bit
Operating system language	English
Operating system installed *	Windows 11 Pro

Processor special features

CPU configuration (max)	1

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	45 Wh
Battery life (max)	7.25 h
Continuous video playback time	8.4 h
Fast charging	✔

Power

AC adapter power	65 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, HDD, Power on, Supervisor

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m

Certificates

Certification	ENERGY STAR® 8.0 ErP Lot 6 ErP Lot 26 RoHS compliant TÜV Rheinland® Low Blue Light MIL-STD-810H

Weight & dimensions

Width	399 mm
Depth	274 mm
Height	19.9 mm
Weight *	2.02 kg

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