



# DELL Vostro 5640 Intel Core 5 120U Sülearvuti 40,6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Hall

Brand : DELL

Product family: Vostro

Product code:  
N1006VNB5640EMEA01\_HOM

Product name : 5640

DELL Vostro 5640. Toote tüüp: Sülearvuti, Toote kuju: Kokkukäiv. Protsessori perekond: Intel Core 5, Protsessori mudel: 120U. Ekraani diagonaal: 40,6 cm (16"), HD tüüp: Full HD+, Ekraani resolutsioon: 1920 x 1200 pikslit. Sisemälu: 16 GB, Sisemälu tüüp: DDR5-SDRAM. Salvestusmaht kokku: 1 TB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Graphics. Installitud operatsioonisüsteem: Windows 11 Home. Toote värv: Hall



Design		Network	
Colour name	Titan Gray	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Grey	WLAN controller model	Realtek RTL8852BE
Form factor *	Clamshell	WLAN controller manufacturer	Realtek
Market positioning	Business	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	WVA	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	1.4
Anti-glare screen	✓	DisplayPorts quantity	1
Display brightness	250 cd/m <sup>2</sup>	Combo headphone/mic port	✓
Pixel pitch	0.18 x 0.18 mm	Charging port type	DC-in jack
Pixel density	141 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	Performance	
Colour gamut	45%	Motherboard chipset	Intel SoC
Display response rise/fall	25 ms	Temperature sensor	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1000:1	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel Core 5		
Processor generation	Intel Core (Series 1)		
Processor model *	120U		
Processor cores	10		

<b>Processor</b>		<b>Software</b>	
Processor threads	12	Operating system architecture	64-bit
Processor boost frequency	5 GHz	Trial software	McAfee 12 Months Business Security, Microsoft Office Trial
Performance cores	2	Operating system installed *	Windows 11 Home
Efficient cores	8	<b>Battery</b>	
Performance-core Max Turbo Frequency	5 GHz	Battery technology	Lithium Polymer (LiPo)
Efficient-core Max Turbo Frequency	3.8 GHz	Number of battery cells	4
Performance-core base frequency	1.4 GHz	Battery capacity *	54 Wh
Efficient-core base frequency	0.9 GHz	Battery voltage	15 V
Processor cache	12 MB	Battery recharge time	3 h
Processor cache type	Smart Cache	Fast charging	✓
Processor base power	15 W	Battery charge indicator	✓
Maximum turbo power	55 W	Battery weight	240 g
<b>Memory</b>		<b>Power</b>	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50/60 Hz
Memory clock speed	5200 MHz	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	AC adapter output current	3.34 A
Memory layout (slots x size)	2 x 8 GB	AC adapter output voltage	19.5 V
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD) *	✓
Maximum internal memory *	32 GB	<b>Security</b>	
Memory data transfer rate	5200 MT/s	Cable lock slot	✓
<b>Storage</b>		Cable lock slot type	Wedge
Total storage capacity *	1 TB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Total SSDs capacity	1 TB	Password protection	✓
Number of SSDs installed	1	<b>Operational conditions</b>	
SSD capacity	1 TB	Operating temperature (T-T)	0 - 40 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Card reader integrated	✓	Operating shock	140 G
Compatible memory cards	SD, SDHC, SDXC	Non-operating shock	160 G
<b>Graphics</b>		Operating vibration	0.66 G
Discrete graphics card model *	Not available	Non-operating vibration	1.3 G
On-board graphics card *	✓	<b>Sustainability</b>	
On-board GPU manufacturer	Intel	Sustainability compliance	✓
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR
On-board graphics card model *	Intel Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	356.8 mm
Audio chip	Realtek ALC3254	Depth	249.5 mm
Audio system	MaxxAudio Pro	Height (front)	1.62 cm
Number of built-in speakers	2	Height (rear)	1.74 cm
Speakers manufacturer	Waves	<b>Carbon footprint</b>	
Speaker power	2 W	Total carbon footprint (kg of CO2e)	114
Built-in microphone	✓	Carbon emissions, manufacturing (kg of CO2e)	88
Number of microphones	2	Carbon emissions, logistics (kg of CO2e)	5
<b>Camera</b>		Carbon emissions, energy usage (kg of CO2e)	20
Front camera	✓	Carbon emissions, end-of-life (kg of CO2e)	1
Front camera resolution (numeric)	2.07 MP	Total carbon emissions, w/o use phase (kg of CO2e)	94
Front camera resolution	1920 x 1080 pixels	PAIA version	GaBi version 1, 2024
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Privacy camera	✓		
Privacy type	Privacy shutter		

Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Cables included	AC
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		

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