

Acer Veriton Vero N4 VVN4735GT (DT.R7LEK.001)

Acer Veriton Vero N4 VVN4735GT - Mini PC Core Ultra 5 225 / up to 4.9 GHz - RAM 8 GB - SSD 512 GB - Intel Graphics - Gigabit Ethernet, Bluetooth, IEEE 802.11ax (Wi-Fi 6E) - Win 11 Pro - monitor: none



The Acer Veriton Vero N4 is designed to deliver efficient performance in a compact, ultraslim form factor. It features a powerful 10-core Intel Core Ultra 5 processor with a clock speed of 2.5 GHz, allowing for smooth multitasking and fast processing speeds. Equipped with 16 GB of DDR5 RAM, this mini PC can easily handle demanding tasks, making it suitable for both personal and professional use. The 512 GB SSD provides ample storage space and ensures quick boot times and data access. With multiple video output options, including HDMI and DisplayPort, this system supports various display setups, enhancing productivity and versatility in different environments. The inclusion of high-definition audio ensures an immersive sound experience, making it a well-rounded choice for any desktop computing needs.

Key Selling Points

- Compact ultraslim form factor for space-saving setups
- Intel Core Ultra 5 processor with 10 cores for high performance
- 16 GB DDR5 RAM for efficient multitasking
- 512 GB SSD for fast data access and ample storage
- Multiple video outputs including HDMI and DisplayPort

Product Features

- Powerful computing capabilities**
The Acer Veriton Vero N4 is powered by an Intel Core Ultra 5 processor with 10 cores, providing strong performance for various applications. Its clock speed reaches up to 4.9 GHz, ensuring that tasks are executed quickly and efficiently.
- Efficient memory and storage**
With 16 GB of DDR5 RAM and a 512 GB SSD, this mini PC delivers fast data access and ample storage space. The SSD form factor allows for quicker boot times and improved system responsiveness, making it ideal for multitasking.
- Diverse connectivity options**
The Veriton Vero N4 includes multiple interfaces such as USB 3.2, HDMI, DisplayPort, and USB-C, enabling diverse connectivity needs. This flexibility allows users to connect various devices easily and build a functional workspace.
- Excellent audio experience**
Built-in high-definition audio capabilities enhance the overall multimedia experience. The inclusion of speakers ensures clear sound quality, making it suitable for both work and entertainment.
- Robust networking features**
This desktop supports comprehensive networking options, with Wi-Fi 6E and Bluetooth 5.3 connectivity. These features facilitate fast network connections and seamless communication, enhancing overall user experience.

Main specifications

Product Description	Acer Veriton Vero N4 VVN4735GT - mini PC Core Ultra 5 225 3.3 GHz - 8 GB - SSD 512 GB
Type	Personal computer - mini PC
EU Data Act	https://www.acer.com/ee-en/support/directive/eu-data-act
Localisation	Region: United Kingdom
Processor	Intel Core Ultra 5 (Series 2) 225 / 3.3 GHz (up to 4.9 GHz, (10-core)
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Cache Memory	20 MB L3 Cache
Cache Per Processor	20 MB
RAM	8 GB (installed) / 64 GB (max) - DDR5 SDRAM
Hard Drive	SSD 512 GB - PCI Express 4.0 - M.2
Optical Storage	No optical drive
Graphics Controller	Intel Graphics - up to 4 TOPS
Networking	1GbE, Bluetooth, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6E
OS Provided	Windows 11 Pro
Dimensions (WxDxH)	18.63 cm x 18.63 cm x 3.62 cm
Weight	1.3 kg
Environmental Standards	EPEAT Gold

Carbon Footprint	296 kg carbon emissions
Manufacturer Warranty	Limited warranty - 1 year - carry-in

Extended specification

General

Type	Personal computer
EU Data Act	https://www.acer.com/ee-en/support/directive/eu-data-act
Product Form Factor	Mini PC
Embedded Security	Trusted Platform Module (TPM) Security Chip
Localisation	Region: United Kingdom

Expansion / Connectivity

Slots	1 M.2 Card (for WLAN) 2 M.2 Card (for internal storage)
Interfaces	2 x USB 2.0 2 x USB 3.2 Gen 2 2 x USB 3.2 Gen 1 1 x USB-C 3.2 Gen 2x2 1 x HDMI 1 x DisplayPort 1 x LAN (Gigabit Ethernet)

Manufacturer Warranty

Service & Support	Limited warranty - 1 year - carry-in
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RAM

Installed Size	8 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM
Rated Memory Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 8 GB

Networking

Ethernet Controller	Intel I219-V
Wireless LAN Supported	Yes
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E)
Features	Dual stream (2x2)

Miscellaneous

Included Accessories	2x wireless aerials, security screw kit, thermal pad, Option stand VN
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington security slot

Power

Device Type	Power adapter
Power Device Name	DELTA ADP-135NB
Power Provided	135 watt

Cache Memory

Installed Size	L3 Cache - 20 MB
Cache Per Processor	20 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	Windows 11 Pro
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Monitor

Monitor Type	None.
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Graphics Controller

Graphics Processor	Intel Graphics - up to 4 TOPS
Video Interfaces	HDMI, DisplayPort

Hard Drive

Type	SSD - M.2
Capacity	1 x 512 GB
Manufacturer	ADATA
Interface Type	PCI Express 4.0

Input Device

Type	Mouse, keyboard
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Dimensions & Weight

Width	18.63 cm
Depth	18.63 cm
Height	3.62 cm
Weight	1.3 kg

Keyboard

Keyboard Name	Lite-On SK-2086
Interface	USB
Features	Copilot key

Mouse

Mouse Name	PRIMAX MOANUOA
Interface	USB

Processor / Chipset

CPU	Intel Core Ultra 5 (Series 2) 225
Clock Speed	3.3 GHz (P-core) / 2.7 GHz (E-core)
Max Turbo Speed	4.9 GHz (P-core) / 4.4 GHz (E-core)
Number of Cores	10-core
CPU Qty	1
Max CPU Qty	1
Chipset Type	Intel B860

Sustainability Information

EPEAT Compliant	EPEAT Gold
Carbon Footprint	296 kg carbon emissions

Total CF/unit Standard Deviation (kg CO2e)	70
PAIA Version	1.5.3

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	23 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet