

Fanless NUC - Intel 13th Gen Mobile vPro - IP51

Powerful small form factor solution

The Fanless NUC is a compact and rugged PC that supports Intel's 13th Gen i5 and i7 CPUs. It comes equipped with features like Intel's vPro for remote management and Iris® Xe Graphics. With multiple connectivity ports and dual LAN network, this computer provides ample connectivity options.

Due to its small size, the Fanless NUC is perfect for locations where space is limited, such as kiosks or mobile transport applications. Additionally, its fanless design means that maintenance and servicing can be done without any worry or hassle.



Key Features

- Processor: i5 - i7
- Operating Range: -10C to 40C
- Intel vPro
- Dual 2.5GbE LAN
- Maintenance free



Key benefits of **FANLESS** and **RUGGED** computers



No fans obviously means no noise, but it's not the only benefit!



No fans allow an important decrease in power consumption, making our products more sustainable!



A fanless computer eliminates the risk to draw in dust and dirt from the environment, the cause of potential failures and costly downtime.



The absence of moving parts enable our products to resist shocks and vibrations, for an increased reliability.



They are built to withstand harsh and constrained working conditions.



High Ingress Protection (IP) rating, indication the protection level of products against both solid and liquids in electrical enclosures.



The in-house designed and milled aluminium chassis is optimized for efficient passive cooling and durability. Its conception proved their reliability in extended operating temperatures.



The aluminium used for the chassis production is repurposed and recycled, and the production waste is recycled too!

FN-13MV-51

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Rear view (some features shown maybe options)

Technical Specification

Processor	Intel i5 1340P - 12 Cores / 16 Threads - 3.40 GHz - 12MB Intel Smart Cache Intel i7 1360P - 12 Cores / 16 Threads - 3.70 GHz - 18MB Intel Smart Cache		
Memory	Slots: 2x SO-DIMM Slots MAX Capacity: 32GB Type: Dual Channel DDR5 5200 MHz ECC Support: No	Storage	Storage 1 Max: 2TB M.2 SSD 2280 Storage 2 Max: 2TB 1 X 2.5" SATA3.0 SSD
Graphics Controller	Intel Iris Xe Graphics	Graphics Interface	1 x HDMI 2.0b - 4096 x 2160 @ 60HZ, 1 x DisplayPort 2.1/1.4a - 4096 x 2160 @ 60HZ 2 X Type-C display output
Network Interface	i226-LM - 1 x RJ45 - 10/100/1000/2500 Mbps i226-V 1 X RJ45 - 10/100/1000/2500 Mbps	Network Options	AC 9260 - Wifi + Bluetooth - IEEE 802.11ac - 2.4GHz/5GHz AX201 - Wi-Fi 6 + Bluetooth 5.1 - IEEE
Network Feature	Wake-On-Lan PXE	Remote Management	Intel vPro Technologies
Hardware Monitoring	Watchdog On-Board	Supported OS	Windows 11 - 64 bit Windows 10 - 64 bit Linux
Encryption	TPM 2.0		
Power Input	2.5 x 5.5mm DC Jack		
Input Voltage	12 - 19V		
Consumption	10 -90w		

Physical Specification

I/O Front	Power Switch, 2x USB 3.1, 2x USB Type C	LED Front	Power
I/O Rear	DC-In 12-19V, 2x USB 3.1, 1x HDMI, 1x Display Port, 2x RJ45 for LAN	LED Rear	Network Uplink/Activity
I/O Optional	Dual Antenna	COM Port Option	
Operational Temp	-10c to 40c (14F to 104F)	Storage Temp	-20c to 70c (-4F to 158F)
Maximum relative humidity	5% to 95%	Cooling Type	Passive Cooling
Size	55 x 255 x 113.2 mm	Weight	2.09 KG
Accessories	Power supply, power cord	Optional Accessories	Wireless Antenna
Certifications	CE, UKCA, RoHS, FCC , WEEE	Warranty	3 Years

UK RoHS FC CE

