



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Without OS

SKU: H-I5_13-16-M2048-12_5-M-W_OS-0



Thinvent® Neo H: The high-performance industrial workhorse, engineered for excellence.

Elevate your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our best-selling Neo model. As our largest and most robust offering, this 100% Designed and Made in India powerhouse combines unparalleled processing might with industrial-grade durability, making it perfect for demanding industrial control and similar critical applications.

Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores, a blistering 4.6 GHz max frequency, and a 12 MB cache.
- Seamlessly run intensive applications and manage complex tasks with a massive 32GB DDR4 RAM.
- Benefit from rapid boot times and reliable data access thanks to the enduring 32GB MLC SSD, built for consistent performance.

Robust Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.
- Versatile display options include 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Integrated audio with 1 Speaker Out and 1 Mic In provides comprehensive multimedia support.

Built for the Toughest Environments

- Housed in a solid black steel chassis with a durable power coating, designed to withstand rigorous industrial conditions.
- Operates reliably across temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards for quality and compliance.
- Powered by a stable 12V 7A adapter with a wide 100~275V AC input, ensuring reliable operation with a 2-metre cable length.

Flexible Deployment

- This unit comes Without OS, offering you the freedom to install your preferred operating system or specialized industrial software for maximum customization.

Physical Specifications

- Dimensions: 210mm × 202mm × 80mm

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
Accessories	0 = None	KM = Keyboard and Mouse set		
	1S = DB9 Serial	MK = Mechanical Keyboard		
	Mo = Wired Optical Scroll Mouse			

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

