



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: H-I5_13-32_32-S32-12_7-X-U-0



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the high-performance evolution of our bestselling Neo series with the Thinvent® Neo H Mini PC. Our largest and most robust model, this industrial workhorse is 100% designed and made in India, engineered for demanding industrial control and similar applications. Its solid steel build ensures unparalleled durability in challenging environments.

Unmatched Performance

- At its core is the Intel® Core™ i5-1335U processor, featuring 10 cores and reaching speeds up to 4.6 GHz with a 12 MB cache, delivering blazing-fast performance for complex tasks.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth operation even under heavy workloads.
- Experience lightning-fast boot times and rapid application loading thanks to the spacious 512GB SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable, secure, and open-source platform optimized for industrial reliability.

Robust Connectivity & Design

- Power your dual display setups with dedicated HDMI and VGA outputs.

- Connect a wide array of peripherals with two USB 3.2 and two USB 2.0 ports.
- Ensure stable, high-speed wired networking with 1000 Mbps Ethernet – designed without WiFi for enhanced security and reliability in critical operations.
- Audio input and output are available via Mic In and Speaker Out ports.
- Powered by a durable 12V 7A adapter with wide 100~275 Volts AC input compatibility and a 2-metre cable length.

Built for Durability

- Housed in a resilient black, powder-coated steel chassis, measuring 210mm × 202mm × 80mm, this unit is built to withstand rigorous use.
- Operates reliably across a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH (non-condensing).
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

The Thinvent® Neo H Mini PC combines raw power, extensive connectivity, and industrial-grade reliability in a compact, Made-in-India package.



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	64 GB
SSD Storage	32 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
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE			
H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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