



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: H-I5_13-8-M256-12_5-M-U-1S



Thinvent® Neo H Mini PC: The Unyielding Industrial Workhorse, Engineered for Excellence.

Experience the high-performance evolution of our bestselling Neo line. The Thinvent® Neo H Mini PC is our most powerful offering, a true industrial workhorse designed and 100% made in India. Built with a solid steel chassis and robust powder coating, it delivers unwavering reliability in demanding environments, making it suitable for industrial control and similar critical applications.

Unmatched Performance

- At its core, the Intel® Core™ i5-1335U processor boasts 10 cores with speeds up to 4.6 GHz and 12 MB cache, ensuring blazing-fast computations and seamless multitasking.
- Paired with 8GB DDR4 RAM and a lightning-fast 1TB SSD, expect instant boot-ups, rapid application loading, and expansive storage for all your critical data.
- Running on the stable and secure Ubuntu Linux 24.04 LTS, it provides a dependable open-source platform.

Comprehensive Connectivity

- This powerhouse is equipped with a vital DB9 serial port, 2 USB 3.2 and 2 USB 2.0 ports for diverse peripherals.
- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a gigabit Ethernet port for reliable networking.
- Display versatility is guaranteed with both HDMI and VGA outputs, while speaker out and mic in ports handle audio needs.

Built for Endurance

- Designed to operate flawlessly between 0°C and 40°C with 20% to 80% non-condensing humidity.
- Power it reliably with the included 12V 7A adapter, supporting a wide 100~275V AC input.
- Certified with BIS, RoHS, and ISO, ensuring compliance and quality.
- Its compact 210mm x 202mm x 80mm dimensions house a formidable, long-lasting system.

Elevate your industrial operations with the Thinvent® Neo H Mini PC – where power meets enduring reliability.

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	8 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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	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 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB 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 Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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