



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)

1TB SSD

No WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5_13-32_32-M1024-12_7-X-11P-1S



Unleash Industrial Power: The Neo H Mini PC – Robust Performance, Redefined.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. As our largest and most powerful system, this industrial workhorse is 100% designed and made in India, featuring a solid steel build engineered for relentless operation in demanding environments.

Unmatched Performance for Critical Tasks

- Experience blazing speed with the Intel® Core™ i5-1335U processor, boasting 10 cores and clocking up to 4.6 GHz with a 12 MB cache.
- Multitask seamlessly and run intensive applications with 16GB DDR4 RAM.
- Benefit from rapid boot-ups and swift data access with a 128GB SSD.

Unrivalled Connectivity for Industrial Control

- This powerhouse is purpose-built for industrial control and similar applications, offering a comprehensive suite of ports.
- Critical DB9 male RS232 Serial port for legacy systems and specialized equipment.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports.
- Connect displays via HDMI and VGA.
- Ensure stable network communication with 1000 Mbps Ethernet – no WiFi for enhanced wired reliability.
- Dedicated Speaker Out and Mic In ports.

Built Tough, Designed to Last

- Encased in a durable, black powder-coated steel housing (210mm × 202mm × 80mm).
- Certified for reliability with BIS, RoHS, and ISO standards.
- Operates flawlessly from 0°C to 40°C, with 20% to 80% non-condensing humidity.
- Powered by a robust 12V 7A adapter with a wide 100~275V AC input, ensuring stable power delivery through a 2-metre cable.

Advanced Operating System

- Pre-installed with Microsoft Windows 11 Pro, offering enhanced security, productivity, and management features for professional use.



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	1024 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
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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	Microsoft Windows 11 Pro
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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

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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