



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16-S256-12_5-X-11P-KM



Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC, the ultimate high-performance solution designed for demanding industrial applications. Building on the success of our bestselling Neo model, this is our largest and most powerful configuration, engineered for reliability and exceptional computing power.

Engineered for Excellence

Experience unparalleled speed and multitasking capabilities with the Intel® Core™ i5-1335U processor, boasting 10 cores that reach up to 4.6 GHz with a 12 MB cache. Paired with a massive 64GB of DDR4 RAM, this Mini PC handles complex tasks and industrial control systems with ease.

Robust Connectivity and Reliability

Equipped with a 128GB SSD for rapid data access, this industrial workhorse offers extensive connectivity including HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, and 2x USB 2.0 ports. A 1000 Mbps Ethernet port ensures stable network performance, crucial for industrial environments.

Built to Last

Crafted with a durable steel housing and a sleek black powder coating, the Neo H is built for resilience. Its compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

Complete Ready-to-Go Solution

This package includes a Thinvent® keyboard and mouse set, pre-loaded with Microsoft Windows 11 Pro, offering a seamless and productive out-of-the-box experience. Powered by a 12V 7A adapter with wide AC input compatibility (100~275 Volts AC, 50~60 Hz), it's designed for global use. Certified for BIS, RoHS, and ISO, and proudly 100% designed and made in India.

Key Specifications

- Processor: Intel® Core™ i5-1335U (10 Cores, up to 4.6 GHz, 12 MB Cache)
- Memory: 64GB DDR4 RAM
- Storage: 128GB SSD
- Ports: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 2x USB 3.2, 2x USB 2.0
- Network: 1000 Mbps Ethernet
- Power Adapter: 12V 7A, 2 Metre Cable
- Operating System: Windows 11 Pro
- Build: Solid Steel Housing, Black Powder Coating



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	256 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	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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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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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