



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16_16-M1024-12_7-X-11V-KM



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

Discover the High Performance version of our bestselling Neo model, engineered as an industrial workhorse for demanding applications. The Thinvent® Neo H Mini PC packs a punch with its Intel® Core™ i5-1335U processor, featuring 10 cores that reach up to 4.6 GHz with a 12 MB cache, ensuring smooth multitasking and rapid processing.

Built for reliability and longevity, this largest Neo model boasts a robust steel housing with a durable black powder coating. It's equipped with 4GB DDR4 RAM and a lightning-fast 512GB SSD, providing ample storage and swift data access.

Connectivity is paramount for industrial control and similar applications. The Neo H Mini PC offers a comprehensive array of ports

- 1 HDMI
- 1 VGA
- 1 Speaker Out
- 1 Mic In
- 2 USB 3.2
- 2 USB 2.0
- 1000 Mbps Ethernet for stable network connections.

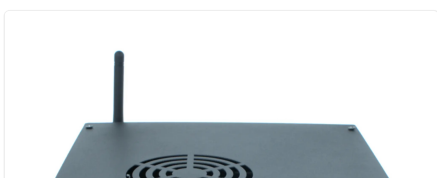
Powering this industrial powerhouse is a 12V 7A adapter, compatible with a wide AC input range (100~275 Volts) and featuring a 2-meter cable. Designed for challenging environments, it operates within 0°C to 40°C and 20% to 80% humidity.

Included in this value package is the Thinvent® Keyboard and Mouse set and Microsoft Windows 11 IoT Enterprise LTSC 2024. Certifications include BIS, RoHS, and ISO, underscoring our commitment to quality.

With its 100% designed and made in India pedigree and solid steel build, the Thinvent® Neo H Mini PC is the smart choice for industrial excellence.

Specifications

- Cores: 10
- Max Frequency: 4.6 GHz
- Cache: 12 MB
- Main Memory: 4 GB
- SSD Storage: 512 GB
- 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
- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Dimensions: 210mm × 202mm × 80mm
- Housing Material: Steel
- Housing Finish: Power Coating
- Housing Colour: Black
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Value.





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	32 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

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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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