



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

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16-S256-12_5-M-DOS-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This is our largest and most powerful Mini PC yet, engineered to be an industrial workhorse designed and made in India. Its solid steel construction, finished in a sleek black power coating, ensures durability in demanding environments.

Engineered for Excellence

- Processor: Intel® Core™ i5-1335U (10 Cores, up to 4.6 GHz, 12 MB Cache) for exceptional speed and multitasking.
- Memory: 8GB DDR4 RAM for smooth operation of complex applications.
- Storage: A massive 1TB SSD provides ample space and lightning-fast data access.

Seamless Connectivity

- Display: 1 HDMI and 1 VGA port for versatile display options.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.

- Ports: 2 USB 3.2 and 2 USB 2.0 for all your peripheral needs.
- Networking: 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac) for reliable network connectivity.

Built for the Toughest Jobs

- Power: Includes a 12V 7A adapter and supports wide AC input (100~275V).
- Durability: Operates within a 0°C ~ 40°C temperature range and 20% ~ 80% non-condensing humidity.
- Certifications: BIS, RoHS, ISO compliant for peace of mind.
- Compact Design: Measuring 210mm × 202mm × 80mm, it fits efficiently into any setup.

Included Accessories

- FreeDOS Operating System.
- Thinvent® Keyboard and Mouse set.

The Thinvent® Neo H Mini PC is your ultimate solution for industrial control, data processing, and any application demanding unwavering performance and robust build quality.

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
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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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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