



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

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_13-32_32-M1024-12_7-X-
DOS-KM



Unleash Industrial Power, Compact Design: 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. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications like industrial control and beyond. Its sleek, black steel housing, finished with durable powder coating, conceals a formidable Intel® Core™ i5-1335U processor boasting 10 cores that reach up to 4.6 GHz with a 12 MB cache, ensuring lightning-fast processing for your most critical tasks.

Paired with an impressive 32GB of DDR4 RAM, multitasking becomes seamless, allowing you to effortlessly switch between demanding applications. Store your vast datasets and essential software on the expansive 1TB SSD, delivering rapid access times and ample space. This Mini PC is your connectivity hub, featuring 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0 ports, and a high-speed 1000 Mbps Ethernet connection. Enjoy crystal-clear audio with the dedicated speaker out and seamless voice input via the mic in.

Included is a Thinvent® keyboard and mouse set, and the system comes pre-loaded with FreeDOS for ultimate flexibility. With its solid 12V 7A adapter and 100~275 Volts AC power input, the Neo H is built for continuous operation in challenging environments, thriving between 0°C ~ 40°C. Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings. Proudly 100% designed and made in India, and certified with BIS, RoHS, and ISO, the Thinvent® Neo H Mini PC offers uncompromising performance and durability.

Key Specifications

- Processor: Intel® Core™ i5-1335U (10 Cores, up to 4.6 GHz, 12 MB Cache)
- Memory: 32 GB DDR4 RAM
- Storage: 1 TB SSD
- Connectivity: 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 2 USB 3.2, 2 USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter
- Operating System: FreeDOS
- Build: Solid Steel Housing, Black Powder Coating
- Dimensions: 210mm × 202mm × 80mm
- Designed and Made in India.



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

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	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

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

