



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_14-32-M512-12_5-X-U-KM



Unlock Unrivaled Power with the Thinvent® Neo H Mini PC: Your Industrial Command Center.

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact powerhouse is built to conquer complex tasks and drive your operations forward.

Engineered for Excellence

- Processor: Intel® Core™ 5 120U (10 Core, up to 5.0 GHz, 12 MB cache) delivering blazing-fast speeds for intensive workloads.
- Memory: 16GB DDR4 RAM for seamless multitasking and smooth execution of demanding software.
- Storage: 128GB SSD providing rapid boot times and quick data access.

Uncompromising Connectivity

- Display Options: 2 HDMI and 1 VGA ports offer versatile display configurations.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.
- USB Ports: 2 USB 3.0 and 2 USB 2.0 ports for all your peripheral needs.

- Network: 1000 Mbps Ethernet ensures a stable and high-speed network connection.

Built for the Toughest Environments

- Robust Steel Housing: Designed for durability with a sleek black power-coated finish.
- Reliable Power: 12V 7A Adapter (100~275 Volts AC input) for stable operation.
- Industrial Ready: Operating Temperature: 0°C ~ 40°C and Operating Humidity: 20% ~ 80% RH, non-condensing.
- Compact Footprint: Dimensions: 210mm x 202mm x 80mm.

Seamless User Experience

- Pre-installed Ubuntu Linux 24.04 LTS: Access a world of open-source flexibility and stability.
- Included Thinvent® Keyboard and Mouse: Get started right out of the box.
- Certifications: BIS, RoHS, ISO compliant for peace of mind.

100% Designed and Made in India, the Thinvent® Neo H Mini PC is your ultimate industrial workhorse, ready to elevate your productivity.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	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	1.85kg, 2.27kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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