



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_14-4-M256-12_5-X-DOS-KM



Unleash Unrivaled Performance: The Industrial Powerhouse Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built for relentless reliability, this is our most robust Mini PC yet, boasting a powerhouse Intel® Core™ 5 120U processor and an expansive 64GB of DDR4 RAM. Experience desktop-grade power in an ultra-compact, steel chassis designed for the toughest environments.

Key Benefits

- Blazing-Fast Processing: Conquer complex tasks with a 10-core processor, reaching speeds of up to 5.0 GHz, complemented by a 12 MB cache for seamless multitasking.
- Massive Memory & Storage: Effortlessly handle large datasets and applications with 64GB of DDR4 RAM and a lightning-quick 1TB SSD for rapid data access.
- Versatile Connectivity: Connect to any display with 2 HDMI ports and 1 VGA port. Integrated audio and microphone jacks, 4 USB ports (2x USB 3.0, 2x USB 2.0), and a robust 1000 Mbps Ethernet port ensure all your peripherals and network needs are met.

Built to Last: The heavy-duty steel housing, finished in a durable black powder coating, is designed for longevity in industrial settings.

- Ready for Work: Comes pre-loaded with FreeDOS, allowing you to install your preferred operating system. Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Designed and Made in India: Experience the quality and innovation of 100% Indian design and manufacturing.

Specifications

- Processor: Intel® Core™ 5 120U (10 core, up to 5.0 GHz, 12 MB cache)
- RAM: 64GB DDR4
- Storage: 1TB SSD
- Power Adapter: 12V 7A
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2x USB 3.0, 2x USB 2.0
- Ethernet: 1000 Mbps
- Power Input: 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH non-condensing
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm x 202mm x 80mm
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Operating System: FreeDOS



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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	4 GB
SSD Storage	256 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	FreeDOS
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Ordering Information

PRODUCT CODE			
H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ 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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