



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_14-32-S256-12_5-M-W_OS-KM



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

Experience unmatched performance and rugged reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and designed for a 100% Indian manufacturing pedigree, this compact powerhouse is built to tackle any challenge.

Key Performance Highlights

- Processor: Featuring an Intel® Core™ 5 120U processor with a formidable 10 cores, reaching up to 5.0 GHz and boasting a 12 MB cache, this mini PC delivers exceptional speed and responsiveness for complex tasks.
- Memory and Storage: With 4GB DDR4 RAM and a rapid 32GB MLC SSD, experience swift boot-ups and seamless multitasking.

Connectivity and Versatility

- Display Options: Connect effortlessly with 2 HDMI ports and 1 VGA port, offering flexible display solutions.
- Audio and Input: Integrated Speaker Out and Mic In ports, alongside 2 USB 3.0 and 2 USB 2.0 ports, ensure comprehensive peripheral support.

- Network Ready: Equipped with a 1000 Mbps Ethernet port and dual-band Wi-Fi 5 (802.11ac) for robust wired and wireless connectivity.

Built for Durability

- Robust Construction: Encased in a durable black steel housing with a protective power coating, its substantial 210mm x 202mm x 80mm dimensions signify its industrial-grade build.
- Reliable Power: Powered by a 12V 7A adapter with a 2-meter cable, designed to handle 100~275 Volts AC input.
- Environmental Resilience: Operates reliably in temperatures from 0°C to 40°C with 20% ~ 80% RH non-condensing humidity.
- Certifications: BIS, RoHS, and ISO certified for quality assurance.

This industrial workhorse comes with a Thinvent® keyboard and mouse set, ready for your integration. Please note, this unit is sold without an operating system, allowing you to customize it to your exact needs.

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	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
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	1.85kg, 2.27kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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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