

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_14-16-M512-12_5-X-W_OS-KM



Thinvent® Neo H Mini PC: Your Industrial Powerhouse, Engineered in India.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Designed as an industrial workhorse, this compact yet powerful machine is 100% designed and made in India, boasting a robust steel construction with a sleek black powder-coated finish.

Unleash Unrivaled Processing Power

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores that reach up to a blazing 5.0 GHz with a 12 MB cache.
- Seamless multitasking and rapid application loading thanks to 16GB DDR4 RAM.
- Swift data access and boot times with a 128GB SSD.

Connectivity for Every Need

- Versatile display options with 2 HDMI ports and 1 VGA port.
- Essential audio inputs and outputs: 1 Speaker Out and 1 Mic In.

- Ample peripheral support with 2 USB 3.0 and 2 USB 2.0 ports.
- High-speed networking with a 1000 Mbps Ethernet port.

Built for Demanding Environments

- Operates reliably between 0°C ~ 40°C with 20% ~ 80% RH non-condensing humidity.
- Includes a 12V 7A adapter for stable power delivery.
- Certified for BIS, RoHS, and ISO standards, ensuring quality and compliance.

Included Accessories

- Thinvent® Keyboard and Mouse set for immediate productivity.
- 2-meter power cable.

Please note: This model comes Without OS, allowing you to install your preferred operating system. The dimensions are 210mm × 202mm × 80mm.



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	16 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	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 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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