

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_14-64-M512-12_5-X-11P-KM



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

Experience unparalleled 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 engineered for demanding applications.

Key Performance Features

- Processor: Intel® Core™ 5 120U with 10 cores, reaching up to 5.0 GHz and 12 MB cache, delivering lightning-fast processing for complex tasks.
- Memory: A massive 64GB of DDR4 RAM ensures seamless multitasking and smooth operation even with memory-intensive workloads.
- Storage: A swift 1TB SSD provides ample space for your operating system, applications, and data, with rapid access times.

Versatile Connectivity

- Display: Connect to multiple displays with 2 HDMI ports and 1 VGA port.
- Audio: Integrated Speaker Out and Mic In for clear audio input and output.
- USB Ports: 2 USB 3.0 and 2 USB 2.0 ports for a wide range of peripherals.

- Networking: A robust 1000 Mbps Ethernet port for reliable high-speed connectivity.

Built for Reliability

- Power: Supplied with a 12V 7A adapter, supporting 100~275 Volts AC input.
- Durability: A solid steel housing with a durable black powder coating ensures resilience in industrial environments.
- Compact Design: Measuring 210mm × 202mm × 80mm, it fits seamlessly into any workspace.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set and a 2-meter power cable.

Operating System

- Windows 11 Pro pre-installed for enhanced productivity and security.

Engineered in India: Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC represents the pinnacle of industrial computing solutions. With certifications including BIS, RoHS, and ISO, you can trust in its quality and compliance.



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	64 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	Microsoft Windows 11 Pro
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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
	64 = 64GB DDR4		32 = 32GB 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
	Thinux = Thinux™ 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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