



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_14-16-M512-12_5-M-U-KM



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

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Crafted as an industrial workhorse, this compact powerhouse is engineered for demanding applications, offering unparalleled reliability and connectivity.

Engineered for Extreme Productivity

- Processor: Intel® Core™ 5 120U processor, featuring a formidable 10 cores that reach up to 5.0 GHz with a substantial 12 MB cache for seamless multitasking and rapid data processing.
- Memory: A generous 16GB of DDR4 RAM ensures smooth operation, even with intensive industrial control software.
- Storage: A speedy 128GB SSD provides quick boot times and application loading.

Versatile Connectivity for Any Environment

- Display Outputs: Effortlessly connect to multiple displays with 2 HDMI ports and 1 VGA port.

- Audio: Integrated Speaker Out and Mic In ports for audio integration.
- Ports: Plenty of connectivity with 2 USB 3.0 and 2 USB 2.0 ports.
- Networking: Blazing-fast 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac) keep you connected.

Built to Last, Designed for India

- Robust Construction: Encased in a solid black steel housing with a durable power coating, the Neo H is built to withstand challenging industrial environments.
- Power: Reliable 12V 7A adapter powering the unit, with universal 100~275 Volts AC input.
- Software: Pre-loaded with Ubuntu Linux 24.04 LTS for a stable and customizable operating system.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set, ready to go out of the box.

This 100% designed and made in India Mini PC is your ultimate solution for industrial control and beyond.

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
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	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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