



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

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I5_14-32-S256-12_5-X-11V-KM



Unleash Industrial Power. Mini PC.

Introducing the Thinvent® Neo H Mini PC, a high-performance powerhouse built for demanding industrial applications. This is the premium version of our bestselling Neo model, engineered for reliability and unparalleled processing capability.

Unrivalled Performance

- Powered by the Intel® Core™ 5 120U processor featuring 10 cores, reaching speeds up to 5.0 GHz with a 12 MB cache, this Mini PC handles complex tasks with ease.
- Experience seamless multitasking with 8GB DDR4 RAM.
- Fast boot-ups and quick access to your applications are guaranteed with a 128GB SSD.

Robust Connectivity

- Connect multiple displays with 2 HDMI ports and 1 VGA port.
- Ample peripheral support with 2 USB 3.0 ports and 2 USB 2.0 ports.
- Network with confidence using the 1000 Mbps Ethernet port.
- Dedicated audio ports for speaker out and mic in.

Built to Last

- Encased in a durable black steel housing with a robust power coating, this Mini PC is designed for longevity.
- Operates reliably in a wide temperature range (0°C to 40°C) and humidity levels (20% to 80% RH, non-condensing).
- Compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained environments.

Ready for Work

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for industrial environments.
 - Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- Powered by a 12V 7A adapter with broad AC input compatibility (100~275 Volts AC, 50~60 Hz).

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your dependable solution for industrial control and beyond.

- Certifications: BIS, RoHS, ISO.
- No WiFi included.



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
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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 IoT Enterprise LTSC 2024 Value
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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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