

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12-8_8-M128-12_5-X-11P-KM



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

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this powerhouse combines robust construction with exceptional processing capabilities. Designed and manufactured in India, it's built to be your reliable workhorse.

Key Specifications

- Processor: Intel® Core™ i5-1250P with 12 cores, reaching up to 4.4 GHz and 12 MB cache. Experience unparalleled speed and multitasking for critical operations.
- Memory: 32GB DDR4 RAM ensures smooth performance, even with complex industrial control software.
- Storage: A fast 32GB MLC SSD provides rapid boot times and application loading.
- Connectivity: Equipped with HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, and a Gigabit Ethernet port for seamless integration into any industrial setup.

- Power: Includes a 12V 7A adapter and a robust 100~275 Volts AC power input.
- Durability: Features a solid steel housing with a durable black powder coating, built to withstand harsh environments.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set.
- Operating System: Microsoft Windows 11 Pro pre-installed for enhanced productivity and security.

Operating Environment

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Certifications: BIS, RoHS, ISO

Compact yet mighty, its dimensions of 210mm × 202mm × 80mm make it ideal for space-constrained industrial settings. Trust the Thinvent® Neo H Mini PC for reliable, high-performance computing.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	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	2.24kg, 2.66kg

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_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

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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