



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: H-I5_12-16_16-M1024-12_7-X-11V-0



Unleash Compact Power, Engineered for Endurance.

Discover the Thinvent® Neo H Mini PC, a powerhouse meticulously designed for environments demanding robust performance and unwavering reliability. This sleek, compact solution is perfect for enterprise, industrial, and specialized IoT applications where space is premium and uptime is critical.

Exceptional Performance Unpacked

- At its core, the Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz with a 12 MB cache, delivers formidable processing power for intensive tasks and seamless multitasking.
- Experience rapid system responsiveness and application loading thanks to a spacious 512GB SSD.
- Efficient 4GB DDR4 RAM ensures smooth operation, keeping your workflows optimized.

Built for Reliability and Connectivity

- A comprehensive suite of ports including HDMI, VGA, two USB 3.2, two USB 2.0, and dedicated audio jacks provides versatile connectivity for all your peripherals and displays.
- Rely on a secure, stable 1000 Mbps wired Ethernet connection, ensuring consistent network performance without the vulnerabilities of wireless.
- Encased in a durable, powder-coated steel housing, this mini PC is engineered for longevity, capable of operating in diverse conditions from 0°C to 40°C, backed by BIS, RoHS, and ISO certifications.

Secure and Enterprise-Ready

- Pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, it offers enhanced security, long-term support, and an optimized platform tailored for dedicated operational roles.

The Thinvent® Neo H Mini PC redefines efficiency and durability, providing a powerful, enterprise-grade computing experience in a remarkably small footprint.



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	32 GB
SSD Storage	1024 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	7 Amps
Power Input	100~275 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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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 Keyboardwww.thinvent.insales@thinvent.in

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