



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: H-I5_12L-8-S32-12_7-X-U-0



Power through industrial demands with reliable, high-performance computing.

Thinvent Neo H Mini PC: Engineered for rugged reliability and exceptional processing power, the Neo H is built to be the steadfast core of your most critical operations. As the high-performance flagship of our bestselling Neo series, it delivers the robust capability needed for challenging environments, proudly designed and made in India.

Unwavering performance for mission-critical tasks

- Experience smooth, responsive operation for industrial control, automation, and data acquisition without slowdowns.
- Tackle complex computational tasks with confidence thanks to its powerful multi-core processor architecture.
- Benefit from exceptional stability with a dedicated industrial-grade Ubuntu OS, free from unnecessary bloat.

Built to endure in demanding settings

- Rely on its solid steel construction and premium finish to withstand the rigours of the factory floor or control room.
- Enjoy versatile connectivity with dual network ports and essential interfaces for seamless integration into existing systems.
- Operate with peace of mind knowing its robust design ensures consistent performance across a wide range of temperatures.

Choose the Neo H for a computing solution that combines raw power with unwavering resilience. It's more than a mini PC; it's the industrial workhorse your operations can depend on, day in and day out.



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	8 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

H-i5_12l-[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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