



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-32_32-M512-12_7-X-DOS-KM



Thinvent® Neo H Mini PC: Powerhouse Performance, Engineered for Industry.

Experience unmatched performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse boasts a formidable Intel® Core™ i5-1250P processor featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, delivering exceptional processing power for demanding industrial control applications and beyond. Coupled with 8GB of DDR4 RAM and a lightning-fast 512GB SSD, multitasking and data access are seamless and swift.

Key Features and Benefits

- Unleash the power of a 12-core Intel® Core™ i5-1250P processor, reaching up to 4.4 GHz.
- Enjoy rapid data access and smooth multitasking with 8GB DDR4 RAM and a 512GB SSD.
- Connect with confidence using a comprehensive array of ports: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, 1 Speaker Out, 1 Mic In, and a 1000 Mbps Ethernet port.

- Designed for reliability and longevity, featuring a robust steel housing with a durable black powder coating.
- Operate with peace of mind thanks to the included 12V 7A adapter and a 2-meter power cable (100~275 Volts AC input).
- Built to withstand industrial environments with an operating temperature range of 0°C ~ 40°C and humidity support.
- Certified for quality and compliance: BIS, RoHS, ISO.
- Compact yet powerful, with dimensions of 210mm x 202mm x 80mm.
- Comes pre-loaded with FreeDOS, offering flexibility for your software needs.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- 100% designed and made in India, showcasing superior engineering and craftsmanship.



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	64 GB
SSD Storage	512 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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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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