



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_12-32_32-M512-12_7-X-DOS-KM



Unleash Industrial Powerhouse Performance

Experience the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This isn't just a compact computer; it's an industrial workhorse engineered for demanding applications.

Engineered for Excellence

Powered by an Intel® Core™ i3-1215U processor, boasting 6 cores that reach up to 4.4 GHz with a 10 MB cache, the Neo H delivers exceptional processing speed for complex tasks. Paired with 8GB DDR4 RAM and a speedy 256GB SSD, enjoy seamless multitasking and rapid data access, significantly boosting your productivity.

Robust Connectivity for Any Environment

This Mini PC is designed for comprehensive connectivity, featuring 1 HDMI and 1 VGA port for versatile display options, alongside 2 USB 3.2 and 2 USB 2.0 ports for all your peripherals. A 1000 Mbps Ethernet port ensures stable, high-speed network connections, crucial for industrial control systems.

Built to Last

Crafted with a solid steel housing finished in a sleek black power coating, the Neo H is as durable as it is powerful. Its compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

Complete Solution Included

Your Thinvent® Neo H comes with a 12V 7A adapter, a 2-meter power cable, and a Thinvent® Keyboard and Mouse set, all ready for immediate deployment. Pre-loaded with FreeDOS, it provides a flexible operating system for your specific software needs.

Designed and Made in India, meeting BIS, RoHS, and ISO certifications, the Neo H represents the pinnacle of Indian engineering for industrial applications.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 8GB DDR4 RAM
- Storage: 256GB SSD
- Connectivity: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter, 100~275 Volts AC input
- Operating System: FreeDOS
- Build: Solid Steel Housing, Black Finish
- Included Peripherals: Thinvent® Keyboard and Mouse set



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 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
RS485 Option	1

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	2.31kg, 2.73kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-i3_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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