



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

DOS

DB9 Serial

SKU: H-I5_13-32_32-M128-12_7-X-DOS-1S



Unleash Unrivalled Industrial Power: Introducing the Thinvent® Neo H Mini PC.

The High Performance version of our bestselling Neo model, this is your ultimate industrial workhorse. Engineered and 100% Made in India, the Neo H boasts a robust solid steel build with a black powder coating, designed for relentless reliability in demanding environments. It's our largest product, meticulously configured to deliver exceptional processing power and extensive connectivity.

Power and Performance

- Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache
- 16GB DDR4 RAM for seamless multitasking
- 256GB SSD for rapid boot-ups and application loading

This powerful combination effortlessly handles complex tasks, making it ideal for industrial control and similar high-demand applications.

Connectivity and Durability

- Comprehensive port selection: 1 DB9 male RS232 Serial Port for legacy industrial equipment, 1000 Mbps Ethernet for reliable network communication, 2 USB 3.2 ports, 2 USB 2.0 ports, 1 HDMI, 1 VGA, Speaker Out, and Mic In.
- Wide operating temperature: 0°C ~ 40°C
- Wide operating humidity: 20% ~ 80% RH, non condensing
- Stable 12V 7A DC power input from a 100~275V AC adapter with a 2-metre cable
- Compact dimensions: 210mm × 202mm × 80mm

Equipped with FreeDOS, the Neo H offers a flexible platform for your specialized software. Certified with BIS, RoHS, and ISO, you can trust in its quality and compliance. Power your operations with Thinvent® Neo H – where raw power meets unwavering reliability.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 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
Serial Port	1 DB9 male RS232

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-i5_13-[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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