



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

DOS

DB9 Serial

SKU: H-I5_13-4-M1024-12_5-X-DOS-1S



Unleash Unrivaled 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	4 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
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	1.62kg, 2.04kg

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
	64 = 64GB DDR4		32 = 32GB DDR4
SSD	m128 = 128GB		m256 = 256GB
	m32 = 32GB		m512 = 512GB
	m1024 = 1TB		S32 = 32GB MLC
	S128 = 128GB		S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS		W_OS = Without OS
	11V = Windows 11 IoT Value		11P = Windows 11 Pro
	Thinux = Thinux™ Embedded Linux		U = Ubuntu Linux
Accessories	0 = None		KM = Keyboard and Mouse set
	1S = DB9 Serial		MK = Mechanical Keyboard
	Mo = Wired Optical Scroll Mouse		

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