



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

DOS

SKU: H-I5_13-32-M2048-12_5-M-DOS-0



Unleash Industrial Power: The Neo H Mini PC Redefined.

Introducing the Thinvent® Neo H Mini PC: the high-performance evolution of our bestselling Neo series, engineered as a true industrial workhorse. This largest and most robust model in our lineup combines unparalleled power with a host of connectivity options, making it the ideal solution for demanding industrial control and specialized applications. 100% designed and made in India, its solid steel construction ensures unwavering reliability in any environment.

Core Performance

- Experience exceptional speed with the Intel® Core™ i5-1335U processor, featuring 10 cores and burst speeds up to 4.6 GHz.
- A generous 12 MB cache ensures seamless multitasking and rapid data access for critical operations.

Memory & Storage

- 32GB DDR4 RAM provides a stable foundation for your applications.
- Boot up instantly and load programs in a flash with the responsive 2TB SSD.

Connectivity Hub

- Versatile display options with 1x HDMI and 1x VGA ports.
- Ample peripheral support via 2x USB 3.2 and 2x USB 2.0 ports.
- Stay reliably connected with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Integrated speaker out and mic in for complete audio functionality.

Built for Endurance

- Housed in robust power-coated black steel, measuring 210mm x 202mm x 80mm.
- Operates flawlessly in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO for guaranteed quality and safety.

Optimized Power

- Efficient 12V 7A adapter with wide 100~275V AC input compatibility and a 2-meter cable.

Flexible Operating System

- Comes with FreeDOS, ready for your custom OS or industrial software deployment.

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	32 GB
SSD Storage	2048 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	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	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	Thinix = Thinix™ 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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