

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

SKU: H-I5_13-8-M512-12_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

- 8GB DDR4 RAM provides a stable foundation for your applications.
- Boot up instantly and load programs in a flash with the responsive 512GB 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	8 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
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
	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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