

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

DOS

SKU: H-I5_12-8-M2048-12_5-M-DOS-0



Thinvent Neo H: Unleash Unmatched Industrial Power in a Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, is our largest and most robust offering, engineered from solid steel to tackle the most demanding environments.

Uncompromising Performance

- Experience raw processing power with the Intel® Core™ i5-1250P processor, featuring 12 cores and turbo frequencies up to 4.4 GHz, backed by a 12 MB cache for seamless multitasking and intensive computations.
- Equipped with a massive 32GB DDR4 RAM and a lightning-fast 1TB SSD, the Neo H ensures rapid data access and exceptional responsiveness for critical applications.

Robust Connectivity & Versatility

- Connect effortlessly with dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable networking.

- A comprehensive array of ports includes 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, and Mic In, providing versatile integration for industrial control systems and similar applications.

Engineered for Durability

- Housed in a black, power-coated steel chassis (210mm × 202mm × 80mm), this Mini PC is built to last.
- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH, non condensing.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Powered by a stable 12V 7A adapter with a wide 100-275V AC input range.

The Thinvent Neo H comes with FreeDOS, providing a clean slate for your specialized operating system requirements. Power your future with reliability and performance.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	8 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	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE			
H-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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