



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

DOS

DB9 Serial

SKU: H-I5_12-32_32-M512-12_7-M-DOS-1S



Powering Progress: The Thinvent Neo H - Built for Industry, Engineered for Excellence.

Introducing the Thinvent® Neo H Mini PC, the high-performance version of our bestselling Neo model. This isn't just a computer; it's an industrial workhorse, 100% designed and made in India, crafted for demanding environments and specialized applications like industrial control.

Unleash exceptional speed with the Intel® Core™ i5-1250P processor, featuring 12 cores, a max frequency of 4.4 GHz, and 12 MB cache for seamless multitasking and rapid data processing. Coupled with 8GB DDR4 RAM and a lightning-fast 128GB SSD, you get quick boot-ups and smooth operation, even with intensive applications.

Connectivity is paramount, and the Neo H delivers a host of options. It features a crucial DB9 serial port for industrial equipment, dual band Wi-Fi 5 (802.11ac) and 1000 Mbps Ethernet for robust networking, along with two USB 3.2 and two USB 2.0 ports for all your peripherals. Dual display support via HDMI and VGA ensures versatile workstation setups.

Built to last, its solid black steel housing with power coating ensures durability and reliability in challenging conditions, operating efficiently from 0°C to 40°C. Compliant with BIS, RoHS, and ISO certifications, the Neo H offers peace of mind. Running on FreeDOS, it provides the flexibility for your specific software needs.

Dimensions

210mm × 202mm × 80mm



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	64 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
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-i5_12-[RAM]-[SSD]-12_10-[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	
	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			

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

