



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5-12-4-M512-12_5-M-11P-1S



Thinvent® Neo H: The Industrial Powerhouse – Unrivalled Performance, Unbreakable Reliability.

Unleash the ultimate industrial workhorse with the Thinvent® Neo H Mini PC. As the high-performance evolution of our bestselling Neo line, this is our largest and most robust model, meticulously engineered for demanding industrial control and similar applications. 100% designed and made in India, its solid steel construction ensures unparalleled durability.

Key Advantages

- Blazing-Fast Processing: Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz with 12 MB cache, experience seamless multitasking and powerful execution for critical operations.
- Optimized Performance: Equipped with 4GB DDR4 RAM and a rapid 32GB MLC SSD, ensuring quick boot times and responsive application handling in a compact footprint.

- Robust Connectivity: Integrate effortlessly with a comprehensive array of ports, including 2x USB 3.2, 2x USB 2.0, HDMI, VGA, Speaker Out, Mic In, Gigabit Ethernet, dual-band Wi-Fi 5 (802.11ac), and a crucial DB9 male RS232 serial port for legacy systems.
- Built for Endurance: Housed in durable, powder-coated black steel, the Neo H operates reliably from 0°C to 40°C and 20% to 80% RH. Certified with BIS, RoHS, and ISO standards, it's engineered for continuous, demanding use.
- Professional OS: Comes pre-installed with Microsoft Windows 11 Pro, providing a secure and familiar environment for your industrial needs.

With its robust power input range (100~275V AC) and compact dimensions (210mm × 202mm × 80mm), the Thinvent® Neo H is your go-to solution for high-performance, long-lasting industrial computing.



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	4 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	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	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_12-[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	
	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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