



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

32GB MLC SSD

No WiFi

DOS

SKU: H-I5_12-16_16-S32-12_5-X-DOS-0



Thinvent® Neo H: The undisputed powerhouse for industrial precision.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This isn't just a computer; it's an industrial workhorse, engineered and manufactured 100% in India with a solid steel build to conquer the most demanding applications. Designed specifically for industrial control and similar rigorous environments, the Neo H delivers unwavering reliability and raw power where it matters most.

Unleash Unrivalled Performance

- Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz with a 12 MB cache, the Neo H handles complex computations and multi-threaded tasks with ease.
- Experience seamless multitasking and rapid data access with a generous 16GB DDR4 RAM.
- Store critical applications and vast datasets on the lightning-fast 1TB SSD, ensuring quick boot-ups and responsive operations.

Robust Connectivity & Durability

- Connect effortlessly with a versatile array of ports, including 2x USB 3.2, 2x USB 2.0, 1x HDMI, 1x VGA, and gigabit Ethernet for stable network communication.
- Audio needs are covered with dedicated speaker out and mic in ports.
- Its powder-coated black steel housing (210mm x 202mm x 80mm) provides exceptional protection in challenging conditions, operating reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, the Neo H guarantees quality and compliance.

Designed for Purpose

- The included 12V 7A adapter ensures stable power delivery (100~275V AC input).
- Pre-installed with FreeDOS, it offers a clean slate for your specialized industrial software, focusing on dedicated application deployment without bloat.
- No WiFi ensures a secure, stable, wired-only environment, crucial for many industrial settings.

Choose the Thinvent® Neo H for a powerful, reliable, and purpose-built solution that drives your industrial operations forward.



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	32 GB
SSD Storage	32 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
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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	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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