



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16-M128-12_5-M-DOS-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering exceptional speed and robust connectivity.

Uncompromising Performance

- Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, experience unparalleled multitasking and responsiveness for your critical operations.
- A generous 8GB DDR4 RAM ensures smooth execution of complex tasks, while the rapid 256GB SSD provides swift boot times and rapid data access.

Versatile Connectivity

- Connect to a wide array of displays with 1 HDMI and 1 VGA port.
- Easily integrate audio devices with dedicated Speaker Out and Mic In.
- Benefit from high-speed data transfer with 2 USB 3.2 ports and 2 USB 2.0 ports.
- Experience reliable network performance with a 1000 Mbps Ethernet port.

- Stay connected wirelessly with Dual Band Wi-Fi 5 (802.11ac).

Built for the Toughest Environments

- Housed in a robust black steel chassis with a durable power coating, this Mini PC is built to last.
- Operates reliably in temperatures from 0°C to 40°C and humidity levels of 20% to 80% RH (non-condensing).
- Compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

Complete Solution

- Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- Comes with FreeDOS, offering flexibility for your preferred operating system.
- Powered by a 12V 7A adapter with wide AC input compatibility (100~275 Volts AC).

Designed and Made in India

- This product embodies Indian engineering excellence, with 100% design and manufacturing originating in India.
- Certified for BIS, RoHS, and ISO, ensuring quality and compliance.



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	16 GB
SSD Storage	128 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	2.24kg, 2.66kg

ACCESSORIES

Keyboard and Mouse	1
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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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