



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)

1TB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M1024-12_7-X-11P-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 for demanding industrial applications, this powerhouse combines robust construction with exceptional processing capabilities. Designed and manufactured in India, it's built to be your reliable workhorse.

Key Specifications

- Processor: Intel® Core™ i5-1250P with 12 cores, reaching up to 4.4 GHz and 12 MB cache. Experience unparalleled speed and multitasking for critical operations.
- Memory: 32GB DDR4 RAM ensures smooth performance, even with complex industrial control software.
- Storage: A fast 32GB MLC SSD provides rapid boot times and application loading.
- Connectivity: Equipped with HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, and a Gigabit Ethernet port for seamless integration into any industrial setup.

- Power: Includes a 12V 7A adapter and a robust 100~275 Volts AC power input.
- Durability: Features a solid steel housing with a durable black powder coating, built to withstand harsh environments.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set.
- Operating System: Microsoft Windows 11 Pro pre-installed for enhanced productivity and security.

Operating Environment

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Certifications: BIS, RoHS, ISO

Compact yet mighty, its dimensions of 210mm × 202mm × 80mm make it ideal for space-constrained industrial settings. Trust the Thinvent® Neo H Mini PC for reliable, high-performance 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	32 GB
SSD Storage	1024 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	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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1
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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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