



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I5_12-4-S256-12_5-M-11V-KM



Unleash Industrial Power with the Thinvent® Neo H Mini PC

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse boasts a formidable Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz, complemented by a substantial 12 MB cache for seamless multitasking. With 32GB of lightning-fast DDR4 RAM and a rapid 512GB SSD, boot times and application loading are virtually eliminated, ensuring smooth operation even under demanding industrial control scenarios.

Key Features and Connectivity

- Robust Performance: 12 Core Intel® Core™ i5-1250P CPU, up to 4.4 GHz, 12 MB Cache, 32GB DDR4 RAM, 512GB SSD
- Versatile Display Options: 1 HDMI, 1 VGA
- Comprehensive Audio: 1 Speaker Out, 1 Mic In

- Ample Connectivity: 2 USB 3.2, 2 USB 2.0, 1000 Mbps Ethernet
- Reliable Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Built for Industry: Durable steel housing with a sleek black powder coating.
- Complete Solution: Includes a Thinvent® Keyboard and Mouse set.
- Intelligent Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for industrial environments.

Designed and made in India, the Thinvent® Neo H Mini PC is more than just a computer; it's a commitment to enduring quality and cutting-edge technology. Its robust steel construction ensures durability in harsh environments, while its extensive connectivity options make it the ideal choice for industrial control, automation, and other mission-critical applications. Elevate your operations with a Mini PC that's built to perform, built to last.



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	256 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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