Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB HDD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12-32_32-H1024-12_10-M-11P-KM



Unleash Industrial Power in a Compact Form: The Thinvent Neo H Mini PC.

Experience the high-performance evolution of our bestselling Neo series. The Thinvent Neo H Mini PC is an industrial workhorse, engineered to deliver unparalleled computing power in a space-saving design. As our largest and most robust model, it's 100% designed and made in India, featuring a solid steel build for uncompromising durability in challenging industrial control and similar applications.

Unrivaled Performance

- Dominate demanding tasks with the Intel Core i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz, backed by a generous 12 MB cache.
- Multitask effortlessly and run complex applications with 64GB DDR4 RAM.
- Enjoy rapid boot times and quick data access from the 128GB SSD.
- Pre-installed with Windows 11 Pro for a secure and powerful operating environment.

Built for Connectivity & Reliability

- Connect all your essential peripherals with 2x USB 3.2, 2x USB 2.0, HDMI, VGA, Speaker Out, and Mic In.
- Ensure stable network access with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Designed for continuous operation with a robust 12V 7A adapter and wide voltage input.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.

Complete Solution

- Ready to deploy with a Thinvent Keyboard and Mouse set included.
- Compact dimensions (210mm × 202mm × 80mm) and a sleek black powder-coated steel housing.

This machine is engineered for excellence, ready to tackle your toughest computing challenges.







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	64 GB
HDD 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i5_12-[RAM]-[SSD]-12_10-[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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	h1024 = 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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			

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India