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 HDD

Dual Band WiFi

Windows 11 Pro

SKU: H-I5_12-16_16-H1024-12_10-M-11P-0



Unleash Unrivaled Performance: The Industrial Powerhouse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This robust and powerful Mini PC is our largest offering, engineered as an industrial workhorse for demanding applications like industrial control. Designed and made in India, its solid steel construction ensures unparalleled durability.

Unmatched Processing Power

Experience blazing speed with the Intel® Core™ i5-1250P processor, boasting 12 cores and turbo frequencies up to 4.4 GHz, backed by a 12 MB cache. Coupled with 16GB DDR4 RAM and a swift 256GB SSD, the Neo H delivers seamless multitasking and rapid data access, making it ideal for intensive operations.

Extensive Connectivity for Every Need

Connect with confidence through a host of options including HDMI and VGA for dual displays, two USB 3.2 ports and two USB 2.0 ports for peripherals, and a reliable Gigabit Ethernet port. Dual-band Wi-Fi 5 (802.11ac) ensures flexible wireless networking. Audio needs are covered with speaker out and mic in.

Built for Reliability

Encased in a power-coated black steel housing (210mm × 202mm × 80mm), this Mini PC is built to last. It operates flawlessly from 0°C to 40°C with 20% to 80% humidity, and includes a wide-range 100~275V AC power input for stable operation. Certifications like BIS, RoHS, and ISO underscore its quality.

Operating System

- Microsoft Windows 11 Pro

This industrial workhorse is 100% designed and made in India.









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
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	335mm × 240mm × 110mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.59kg, 2.01kg

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	
	S32T = 32GB		**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			

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