



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)

32GB MLC SSD

Dual Band WiFi

Without OS

SKU: H-I5_12-16_16-S32-12_7-M-W_OS-0



Unleash Unrivalled Industrial Performance: The Thinvent® Neo H Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse, 100% designed and made in India, is engineered for demanding applications like industrial control, offering unparalleled power and reliability in a robust, compact design.

Performance at its Core

Experience blazing-fast processing with the Intel® Core™ i5-1250P processor. Its 12 cores, clocking up to 4.4 GHz and supported by 12 MB of cache, ensure seamless multitasking and powerful execution for your critical operations. Coupled with 8GB DDR4 RAM and a rapid 32GB MLC SSD, this Mini PC delivers quick boot-ups and responsive performance, making it the largest and most powerful in our lineup.

Robust Connectivity and Build

Connect with confidence thanks to a host of versatile I/O options, including HDMI and VGA for dual display support, dual USB 3.2 and dual USB 2.0 ports for peripherals, along with Gigabit Ethernet (1000 Mbps) and dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking. Built from solid steel (210mm × 202mm × 80mm) with a durable powder-coated black finish, the Neo H withstands challenging environments, operating reliably from 0°C to 40°C with 20% ~ 80% RH.

Uncompromised Flexibility and Quality

Power your operations with its robust 12V 7A adapter (100~275V AC input, 2 Metre cable). Offered without an operating system, it provides the flexibility to install your preferred OS. Rest assured of its quality and compliance, backed by BIS, RoHS, and ISO certifications.



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	32 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	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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

H-i5_12-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard		

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