



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Pro

SKU: H-I5_12-64-M128-12_5-X-11P-0



Thinvent® Neo H: Your Command Center for Industrial Excellence.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, is engineered for demanding environments like industrial control and similar critical applications. Its solid steel construction with a sleek black powder coating ensures robust durability, measuring a compact 210mm x 202mm x 80mm.

Experience Unparalleled Processing Power

- Driven by the Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz, backed by a generous 12 MB cache, for seamless handling of complex operations.
- Fast 4GB DDR4 RAM facilitates efficient multitasking and smooth application execution.
- A lightning-fast 512GB SSD ensures rapid boot-ups and instant application loading, boosting your productivity.

Robust Connectivity and Reliability

- Pre-installed with Microsoft Windows 11 Pro, offering enterprise-grade security and advanced productivity features.
- Extensive connectivity options include 2 USB 3.2 ports, 2 USB 2.0 ports, HDMI and VGA outputs for versatile dual display setups, a dedicated 1000 Mbps Ethernet port for rock-solid wired networking, plus Speaker Out and Mic In.
- Designed for continuous, stable operation in industrial conditions (0°C ~ 40°C), powered by a robust 12V 7A adapter.

Certified Quality and Heritage

- Trust in quality with BIS, RoHS, and ISO certifications.
- Built with a steel housing and a durable power coating finish in black, ensuring longevity.



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
SSD Storage	128 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	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	1.73kg, 2.14kg

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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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 Thinix = Thinix™ 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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