Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I5_14-4-S256-12_5-M-11P-0

Command unrivaled power in a compact industrial form factor.

Introducing the Thinvent® Neo H Mini PC

The High Performance version of our bestselling Neo model, engineered to be an industrial workhorse. This is our largest product, combining powerful CPU and RAM configurations with a host of connectivity options, perfect for industrial control and similar demanding applications. Proudly 100% designed and made in India, its solid steel build ensures unparalleled durability.

Experience uncompromising performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores that surge up to 5.0 GHz with 12 MB cache for exceptional speed and multitasking.
- 4GB DDR4 RAM ensures smooth operation, while the 128GB SSD delivers lightning-fast boot-ups and application loading.
- Pre-installed with Windows 11 Pro, offering enhanced security and productivity for professional environments.

Unmatched connectivity and reliability

- Triple display support with 2x HDMI and 1x VGA ports for versatile display setups.
- Ample peripheral connections with 2x USB 3.0 and 2x USB 2.0, plus dedicated Speaker Out and Mic In ports.
- Fast, stable networking via 1000 Mbps Ethernet and dual band Wi-Fi 5 (802.11ac).
- Built tough: Its robust steel housing with power coating in black is designed to withstand operating temperatures from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO for guaranteed quality and compliance, making it a reliable choice for your critical operations.

Powering your operations reliably with its included 12V 7A adapter, this compact powerhouse measures 210mm × 202mm × 80mm and is ready for any challenge.

Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	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	1.33kg, 1.75kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i5_14-[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	
	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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