



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I3_13-32-M128-12_5-M-11P-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed to tackle demanding applications with unparalleled reliability.

Key Performance Pillars

- Powered by the Intel® Core™ i3-1315U processor, featuring 6 cores that reach up to 4.5 GHz with a 10 MB cache, delivering exceptional processing speed.
- 8GB DDR4 RAM ensures smooth multitasking for your most critical operations.
- A rapid 32GB MLC SSD provides swift boot times and quick access to your essential data.

Connectivity Without Compromise

- Versatile display options with 1 HDMI and 1 VGA port.
- Comprehensive audio integration with a dedicated Speaker Out and Mic In.
- Expand your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Blazing-fast 1000 Mbps Ethernet for stable network connections.
- Seamless wireless connectivity via Dual Band Wi-Fi 5 (802.11ac).

Built for the Toughest Environments

- Robust steel housing with a durable, power-coated black finish.
- Designed to withstand demanding conditions with an operating temperature of 0°C ~ 40°C and humidity up to 80% RH.
- Compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained industrial settings.

Complete Solution Included

- Comes pre-loaded with Microsoft Windows 11 Pro for enhanced productivity and security.
- Includes a Thinvent® Keyboard and Mouse set for immediate deployment.
- Supported by a 12V 7A adapter.

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and beyond.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 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
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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE	
H-i3_13-[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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