



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Without OS

SKU: H-I3_13-16_16-M512-12_7-M-W_OS-0



Unleash Unrivalled Performance: The Industrial Powerhouse in a Compact Form.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. This robust system, 100% designed and made in India, is engineered as an industrial workhorse, perfect for demanding industrial control and similar applications, all within a solid steel chassis.

Performance Beyond Size

- Experience blistering speed with the Intel® Core™ i3-1315U processor, featuring 6 cores, up to 4.5 GHz max frequency, and a generous 10 MB cache for seamless multitasking and rapid data processing.
- Paired with 8GB DDR4 RAM and a lightning-fast 512GB SSD, boot times are instantaneous and applications run effortlessly.

Comprehensive Connectivity and Durability

Despite its compact dimensions of 210mm × 202mm × 80mm, the Neo H offers a host of connectivity options

- Expand your workspace with 1 HDMI and 1 VGA port for versatile dual display support.

- Connect essential peripherals using 2 high-speed USB 3.2 and 2 USB 2.0 ports.
- Enjoy reliable wired networking through 1000 Mbps Ethernet, or flexible wireless access with dual-band Wi-Fi 5 (802.11ac).
- Audio needs are covered with dedicated Speaker Out and Mic In ports.
- Encased in a durable, powder-coated black steel housing, this Mini PC is engineered for longevity, operating reliably from 0°C to 40°C with 20% to 80% RH humidity (non-condensing).
- Powered by a robust 12V 7A adapter with a 2-metre cable, and compliant with BIS, RoHS, and ISO certifications, it guarantees performance and safety.

Operating System Flexibility

- This unit comes without an operating system, offering you the freedom to install your preferred OS and customize your setup precisely to your needs.

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	512 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	1.72kg, 2.14kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
H-i3_13-[RAM]-[SSD]-12_7-[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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