



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I3_13-64-M512-12_5-X-W_OS-KM



Unleash industrial power in a compact form factor.

Thinvent® Neo H Mini PC: Your Industrial Control Solution

Experience the High Performance version of our bestselling Neo model, now engineered for demanding industrial applications. This is our largest product, built to be an industrial workhorse with the powerful Intel® Core™ i3-1315U processor and robust RAM configuration. Designed and made in India with a solid steel build, the Neo H Mini PC offers exceptional durability and reliability.

Key Performance and Connectivity Features

- Processor: Intel® Core™ i3-1315U with 6 cores, reaching up to 4.5 GHz and a 10 MB cache for swift multitasking.
- Memory: 4 GB DDR4 RAM for efficient operation.
- Storage: A fast 32 GB MLC SSD for quick boot times and application loading.
- Display Outputs: 1 HDMI and 1 VGA port for versatile monitor connectivity.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.
- USB Ports: 2 USB 3.2 and 2 USB 2.0 for extensive peripheral support.

- Networking: A high-speed 1000 Mbps Ethernet port for reliable wired connectivity.

Built for Tough Environments

- Power: 12V 7A adapter included, with a wide input range of 100~275 Volts AC.
- Durability: Constructed with a robust steel housing and a durable powder coating in black.
- Operating Conditions: Designed for use in temperatures from 0°C to 40°C with 20% to 80% RH humidity.
- Certifications: BIS, RoHS, and ISO certified for quality assurance.

Included Accessories and Important Notes

- Dimensions: A compact 210mm × 202mm × 80mm.
- Peripherals: Comes with a Thinvent® Keyboard and Mouse set.
- Operating System: Shipped without an operating system, allowing you to customize your software environment.
- Cable Length: 2 Metre power cable.



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	64 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
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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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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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	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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