



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

Without OS

SKU: H-I3_13-32_32-M512-12_7-X-W_OS-0



Unleash Industrial Power: The Neo H Mini PC - Built for Demanding Operations.

Introducing the Thinvent® Neo H Mini PC, the High Performance evolution of our bestselling Neo line. This industrial workhorse is our largest and most powerful Mini PC, 100% designed and made in India from solid steel, delivering uncompromising reliability for critical applications.

Performance Power

Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and 10 MB cache, the Neo H handles intensive tasks with ease. Coupled with a massive 32GB DDR4 RAM and a lightning-fast 256GB SSD, experience seamless multitasking and rapid data access.

Connectivity and Industrial Design

Engineered for industrial control and similar robust applications, this Mini PC boasts a comprehensive host of connectivity options. Hook up to displays via HDMI and VGA, connect peripherals with two USB 3.2 and two USB 2.0 ports, and ensure stable network communication with a dedicated 1000 Mbps Ethernet port. Designed for secure, wired environments without WiFi and delivered Without OS for ultimate configuration flexibility, its robust 12V 7A power adapter ensures stable operation from 100~275V AC input.

Durability and Reliability

Encased in a durable, powder-coated black steel housing (210mm × 202mm × 80mm), the Neo H is built to withstand challenging environments. Certified with BIS, RoHS, and ISO, and capable of operating from 0°C to 40°C with 20-80% non-condensing humidity, it's a testament to unwavering quality and resilience.



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	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	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	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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