



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Pro

SKU: H-I3_13-32-S256-12_5-X-11P-0



Unleash Unrivalled Performance: The Thinvent Neo H Industrial Powerhouse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This robust industrial workhorse, 100% designed and made in India, features a solid steel build for uncompromising durability and reliability in the most demanding environments. It's our largest product, engineered for critical applications.

Performance Powerhouse

- Experience superior processing with the Intel® Core™ i3-1315U processor.
- Enjoy 6 cores operating up to 4.5 GHz, backed by a 10 MB cache for seamless multitasking and rapid data processing.
- Benefit from 4GB DDR4 RAM for smooth operation.
- Access blazing-fast boot times and ample storage with a generous 1TB SSD.

Robust Connectivity

- Connect effortlessly with a host of options.
- Includes 1 HDMI and 1 VGA port for dual display setups.
- Utilize 2 high-speed USB 3.2 ports and 2 standard USB 2.0 ports for diverse peripherals.

- Ensure stable, high-speed networking with 1000 Mbps Gigabit Ethernet.
- Integrated Speaker Out and Mic In ports.

Industrial Grade Durability

- Built to withstand challenging conditions, encased in a powder-coated black steel housing.
- Designed for wide power input of 100~275 Volts AC with a 2-metre cable, ensuring stable operation.
- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).
- Certified with BIS, RoHS, and ISO for quality and compliance.

Pre-installed Operating System

- Comes ready for business with Microsoft Windows 11 Pro, offering enhanced security and productivity features.

Perfectly suited for industrial control and similar mission-critical applications, the Thinvent Neo H Mini PC delivers powerful configurations and unwavering stability where it matters most.



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	256 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	1.62kg, 2.04kg

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 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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