



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 IoT Value

SKU: H-I3_13-4-M2048-12_7-X-11V-0



The Neo H: Unyielding Industrial Performance, Engineered in India.

Experience the pinnacle of industrial computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. As our largest and most robust offering, this industrial workhorse is engineered to dominate demanding applications, proudly 100% designed and made in India, featuring a solid steel build.

Unrivalled Power & Speed

- At its core, an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, delivers exceptional processing power.
- Tackle intensive tasks and run multiple applications simultaneously with a massive 32GB DDR4 RAM.
- Enjoy lightning-fast boot times and rapid data access from the 256GB SSD storage.

Robust Connectivity & Durability

- Connect effortlessly with a host of options including 2x USB 3.2, 2x USB 2.0, 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, and a reliable 1000 Mbps Ethernet port for secure wired networking (No WiFi).
- Housed in a solid steel enclosure with a resilient black powder coating, the Neo H is built to endure, measuring a compact 210mm × 202mm × 80mm.
- Designed for challenging environments, it operates reliably from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Power it securely with the included 12V 7A adapter, 2 Metre cable, and a wide 100~275V AC input range.

Optimized for Industry

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, ensuring a stable, secure, and dedicated platform for industrial control and similar applications.
- BIS, RoHS, and ISO certifications guarantee quality and compliance.



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	4 GB
SSD Storage	2048 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
----------	-----------

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
------------------	---

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 m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

www.thinvent.in
sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

