

Intel processor N150

4 core, up to 3.6 GHz, 6 MB cache

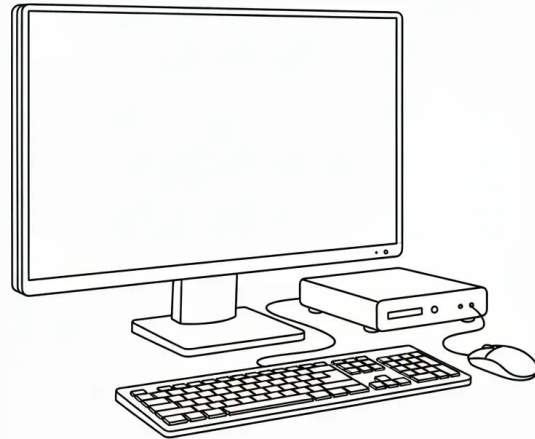
4GB DDR4 RAM

32GB SSD

Dual Band WiFi

Windows 11 IoT

SKU: H-150-4-M32-19_1-M9-11I-0



Unleash Industrial Power in a Compact Form

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our best-selling Neo model, engineered for demanding industrial applications. This isn't just a mini PC; it's your ultimate industrial workhorse, designed and manufactured with pride in India.

Unrivalled Performance

- Experience seamless multitasking and rapid responsiveness with the Intel® Processor N150, featuring 4 cores that boost up to 3.6 GHz with a 6 MB cache.
- Paired with 4GB of DDR4 RAM, it's built for efficiency and power.

Robust Storage & Connectivity

- Boot up in seconds and access your applications with the lightning-fast 128GB SSD.
- A comprehensive array of ports ensures broad compatibility:
- HDMI 2.0, DisplayPort, and VGA for versatile display setups.
- Speaker Out and Mic In for audio integration.
- 2x USB 3.2 Gen 2x1 and 2x USB 2.0 ports for all your peripherals.

- A vital Serial Port (DB9 male RS232) for industrial control and legacy devices.
- 1000 Mbps Ethernet for reliable wired networking.
- Dual Band Wi-Fi (802.11ac) for flexible wireless connectivity.

Built for the Toughest Environments

- Housed in a robust, black steel casing with a durable powder coating, the Neo H Mini PC is designed for longevity.
- Its compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained environments.
- Operates reliably in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.
- Powered by a 12V 5A adapter, with a versatile 100~240V AC input.

Future-Ready Operating System

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, offering enhanced security and stability for industrial deployments.

Certifications

- BIS, RoHS, ISO certified for quality and compliance.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N150
Cores	4
Max Frequency	3.6 GHz
Cache	6 MB
Main Memory	4 GB
SSD Storage	32 GB

DISPLAY

HDMI 2.0	1
DisplayPort	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2x1	2
USB 2.0	2
Rear Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	19 Volts
DC Current	1.3 Amps
Power Input	100~280 Volts AC, 50 Hz, 0.7 Amps maximum
Cable Length	1.8 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Thermal Design	Fanless Passive Cooling
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.21kg, 1.62kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
------------------	---

Ordering Information

PRODUCT CODE		
H-150-[RAM]-[SSD]-19_3-[Wireless]-[OS]-[Accessories]		
RAM	4 = 4GB DDR4	8 = 8GB DDR4 16 = 16GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB	m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m9 = Dual Band WiFi	X = No WiFi
OS	DOS = DOS 11I = Windows 11 IoT 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

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

