



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: H-I5_13-4-S256-12_5-M-11V-0



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Discover the High Performance version of our bestselling Neo, an industrial workhorse meticulously designed and 100% made in India. As our largest product, it combines robust capability with a solid steel build, engineered for demanding industrial control and similar applications.

Unrivalled Performance for Critical Tasks

- Experience relentless processing with the Intel® Core™ i5-1335U processor, featuring 10 cores, speeds up to 4.6 GHz, and a substantial 12 MB cache, ensuring swift multi-tasking and responsiveness.
- Seamlessly manage applications with 4GB DDR4 RAM.
- Benefit from lightning-fast boot times and expansive storage for your data with a 1TB SSD.

Robust Connectivity & Reliability

- Flexible display options with dedicated HDMI and VGA ports.

- Comprehensive connectivity including 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for steadfast networking.
- Integrated speaker out and mic in ports offer versatile audio capabilities.
- Powered by a resilient 12V 7A adapter with wide 100~275V AC input tolerance, ensuring stable operation.

Engineered for Durability

- Housed in a durable black powder-coated steel chassis, built to withstand challenging industrial environments (0°C ~ 40°C operating temperature, 20% ~ 80% RH non-condensing humidity).
- Certified with BIS, RoHS, and ISO for quality assurance and compliance.
- Comes pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, providing a secure, stable, and long-term supported operating system tailored for industrial deployments.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	4 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

H-i5_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			

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

