



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_13-32-S256-12_5-M-DOS-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This is our largest and most powerful Mini PC yet, engineered to be an industrial workhorse designed and made in India. Its solid steel construction, finished in a sleek black power coating, ensures durability in demanding environments.

Engineered for Excellence

- Processor: Intel® Core™ i5-1335U (10 Cores, up to 4.6 GHz, 12 MB Cache) for exceptional speed and multitasking.
- Memory: 8GB DDR4 RAM for smooth operation of complex applications.
- Storage: A massive 1TB SSD provides ample space and lightning-fast data access.

Seamless Connectivity

- Display: 1 HDMI and 1 VGA port for versatile display options.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.

- Ports: 2 USB 3.2 and 2 USB 2.0 for all your peripheral needs.
- Networking: 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac) for reliable network connectivity.

Built for the Toughest Jobs

- Power: Includes a 12V 7A adapter and supports wide AC input (100~275V).
- Durability: Operates within a 0°C ~ 40°C temperature range and 20% ~ 80% non-condensing humidity.
- Certifications: BIS, RoHS, ISO compliant for peace of mind.
- Compact Design: Measuring 210mm × 202mm × 80mm, it fits efficiently into any setup.

Included Accessories

- FreeDOS Operating System.
- Thinvent® Keyboard and Mouse set.

The Thinvent® Neo H Mini PC is your ultimate solution for industrial control, data processing, and any application demanding unwavering performance and robust build quality.

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	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
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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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			

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