Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

4GB DDR4 RAM

128GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_13-4-M128-12_5-X-DOS-KM

Thinvent® Neo H Mini PC: Your Industrial Powerhouse.

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built to last, this compact yet powerful machine is designed and manufactured in India, reflecting our commitment to quality and innovation.

Unleash Productivity

- Powered by the Intel® Core™ i3-1315U processor with 6 cores and a turbo boost up to 4.5 GHz, and featuring 10 MB of cache, this PC handles complex tasks with ease.
- Multitask seamlessly with 8GB DDR4 RAM, ensuring smooth operation even under heavy loads.
- Store your essential data and applications on the speedy 256GB SSD for rapid boot-ups and file access.

Versatile Connectivity

- Connect to a wide range of displays using both HDMI and VGA ports.
- Enjoy crisp audio with the dedicated Speaker Out and easily connect your microphone via Mic In.
- Expand your peripherals with two USB 3.2 ports for high-speed data transfer and two USB 2.0 ports for everyday devices.
- Benefit from a reliable 1000 Mbps Ethernet connection for uninterrupted networking.

Built for the Tough Environment

- The robust steel housing, finished in a durable black powder coating, ensures longevity in industrial settings.
- Operates efficiently within a wide temperature range of 0°C to 40°C and humidity of 20% to 80% RH.
- Includes a 12V 7A adapter with a 2-meter cable for flexible placement.
- Compliant with BIS, RoHS, and ISO certifications, guaranteeing quality and safety.

Included Accessories

- FreeDOS operating system for immediate use.
- Thinvent® Keyboard and Mouse set to get you started.

Dimensions: 210mm × 202mm × 80mm.

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	128 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	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

OPERATING SYSTEM

Operating System	FreeDOS

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
	64 = 64GB DDR4			
SSD	**m128** = 128GB		**m256** = 256GB	
	m32 = 32GB		**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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