Thinvent Neo H Mini PC

Intel Core i3-14100 processor

4 core, up to 4.7 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

No WiFi

Windows 11 Professional

SKU: H-I3_14D-16_16-M128-19_7-X-11O-0



Built for Industrial Work That Never Slows Down

The Thinvent Neo H Mini PC brings desktop-class performance to a compact, rugged form, ready to power the demanding tasks your operation depends on.

Powered by the Intel Core i3-14100 processor, with four cores and speeds of up to 4.7 GHz, this high-performance Mini PC handles control, monitoring and data tasks with quick, confident responsiveness. Its 12 MB cache keeps frequently used information within easy reach, so your workflows stay smooth.

Designed for real-world industrial environments, the Neo H is built around a steel base and aluminium cover in a durable powder-coated black finish. It is designed and made in India, offering reliable engineering you can trust.

Connectivity is where the Neo H excels. Two HDMI ports and a DisplayPort let you drive multiple screens, while four USB 3.2 ports, a 1000 Mbps Ethernet connection, and audio input and output keep your peripherals and networks connected. A TPM 2.0 header adds a valuable layer of hardware security for sensitive operations.



With 4 GB of DDR4 memory and 128 GB of SSD storage, the system is ready to run Windows 11 Professional straight out of the box, giving you a familiar, dependable platform for your software.

Ideal for

- Industrial control and automation systems
- Machine monitoring and data collection
- Digital signage and display control
- Point-of-sale and kiosk applications
- Any setting that needs a compact, capable workhorse

Choose the Thinvent Neo H Mini PC for an industrial computer that keeps pace with your business, whatever the task.

Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i3
Processor Brand	Intel
Processor Model	14100
Cores	4
Max Frequency	4.7 GHz
Cache	12 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	32 GB
SSD Storage	128 GB

DISPLAY

HDMI	2
DisplayPort	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	2

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	19 Volts
DC Current	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	0.91kg, 1.32kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i3_14d-[RAM]-[SSD]-19_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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	m128_S128 = Dual 128GB		**m128_S32** = 128GB SSD + 32 GB MLC	
	S128_S32 = 128GB SSD + 32 GB MLC		**S128_S128** = 128GB SSD + 128 GB MLC	
	m32_S32 = 32GB SSD + 32 GB MLC		**S32_S32** = 32GB MLC SSD + 32 GB MLC	
	h1024 = 1TB HDD		**n512_h1024** = 512GB NVMe SSD + 1TB HDD	
	n1024_h1024 = 1TB NVMe SSD + 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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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