Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

32GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: H-I5_14D-32-M2048-19_7-X-W_OS-0

Power Your Industrial Workflows with Desktop-Class Performance

Meet the Thinvent Neo H Mini PC, the high performance version of our bestselling Neo range and the largest, most capable model in the family. Built around the 14th generation Intel Core i5-14400 processor, it brings serious computing power to demanding industrial environments without the bulk of a traditional workstation.

With 10 cores and speeds of up to 4.7 GHz, the Neo H handles industrial control software, data processing and multitasking with confidence. Its generous processing headroom means your operations stay responsive, even when workloads run heavy.

Connectivity is where the Neo H truly shines. Two HDMI ports and a DisplayPort let you drive multiple screens for monitoring and control dashboards, while multiple USB 3.2 ports give you fast links to your peripherals, sensors and storage. Gigabit Ethernet keeps your network connection quick and reliable, ready to slot into your existing infrastructure.

Designed for the factory floor and the control room alike, the Neo H is suited to industrial control and similar applications where dependable performance matters. Its steel base and aluminium cover, finished in durable black powder coating, give it a robust, professional look that suits any setting.

Proudly 100% designed and made in India, the Neo H is a homegrown solution built to serve modern industry. Choose the Thinvent Neo H and give your operations the performance they deserve.

Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	14400
Cores	10
Max Frequency	4.7 GHz
Cache	20 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	32 GB
SSD Storage	2048 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	Without OS

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Ordering Information

PRODUCT CODE

`H-i5_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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