Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_14D-8_8-M128-19_7-M-W_OS-KM

Power Your Industrial Work With the Thinvent® Neo H Mini PC

Compact power built for demanding industrial environments.

Need a computer that can keep pace with demanding control tasks without taking up valuable space? The Thinvent® Neo H Mini PC is the High Performance flagship of our bestselling Neo range, engineered as a dependable industrial workhorse for control systems and similar applications.

At its heart sits the Intel® Core™ i5-14400 processor, a 14th generation chip that delivers the responsiveness you need to run applications smoothly and keep operations moving. Paired with 4GB DDR4 RAM and a 128GB SSD, it provides a dependable foundation for everyday industrial workloads.

Connectivity is where this model truly shines. Two HDMI ports and a DisplayPort let you drive multiple displays, while four USB 3.2 ports, a Gigabit Ethernet connection and dual band Wi-Fi help you connect peripherals, networks and equipment with ease. A TPM 2.0 header adds an extra layer of security for sensitive operations.

Built to last, the Neo H features a steel base and aluminium cover with a durable black powder coated finish. It is 100% designed and made in India, and its desktop-grade architecture supports Intel® Core™ and Core™ Ultra processors on socket boards, cooled by the Intel Laminar boxed cooler.

The package includes a Thinvent® keyboard and mouse set, so you can get up and running straight away. Supplied without an operating system, it gives you the freedom to install the software that suits your workflow.

Choose the Thinvent® Neo H Mini PC and give your industrial operations the performance and connectivity 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	16 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.42kg, 1.84kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Without OS

Thinvent Neo H Mini PC

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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