Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

DOS

SKU: H-I5_14D-8-M256-19_7-M-DOS-0



Power Your Industrial Work With the Thinvent Neo H Mini PC

Built for demanding industrial environments, the Thinvent Neo H Mini PC brings high-performance computing into a compact, robust package. It is the largest and most powerful model in our bestselling Neo range, designed for operators who need reliable processing power that keeps pace with their work.

Driven by a 14th Generation Intel® Core™ i5-14400 processor, it delivers 10 cores and speeds up to 4.7 GHz, so control applications, data handling and multitasking run smoothly. Paired with 4GB of DDR4 memory and 128GB of SSD storage, it is ready to get straight to work.

Connectivity is where the Neo H excels, making it a natural hub for industrial control systems

- Multiple display outputs, with two HDMI ports and a DisplayPort for flexible screen setups
- Four USB 3.2 ports for fast connection of peripherals and accessories
- Gigabit Ethernet for dependable wired networking
- Dual band Wi-Fi 5 for wireless flexibility
- Audio input and output for voice and sound applications

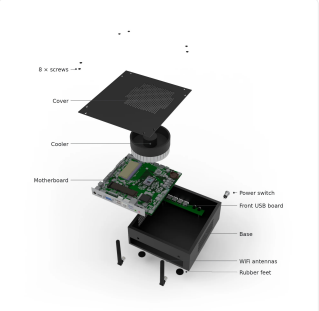
A TPM 2.0 header adds a layer of security for your systems, while the steel base and aluminium cover provide a sturdy, powder-coated black finish that suits busy workshops and control rooms alike.

Designed and manufactured in India, the Neo H is a dependable workhorse for industrial control and similar demanding applications. Choose the Thinvent Neo H Mini PC when you need performance you can build on.









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	8 GB
SSD Storage	256 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	335mm × 240mm × 110mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	0.67kg, 1.09kg

OPERATING SYSTEM

Operating System	FreeDOS

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	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 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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