Thinvent Neo H Mini PC

Intel Core i7-12700 processor

12 core, up to 4.9 GHz, 25 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

SKU: H-I7_12D-8-M512-19_7-X-11P-0

Power Through Your Toughest Tasks with the Neo H Mini PC

Compact enough to tuck away, powerful enough to run your most demanding operations. The Thinvent Neo H Mini PC brings high-performance computing to the places where space is tight and reliability matters.

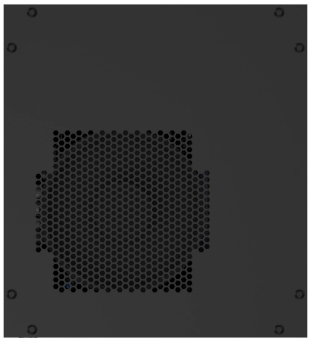
Built around the Intel Core i7-12700 processor, the Neo H handles multitasking and industrial control applications with ease. Its 12 cores and rapid boost speeds keep your workflows moving, so you spend less time waiting and more time getting results.

Designed for the factory floor and beyond, the Neo H suits industrial control and similar applications where dependable performance is essential. Its steel base and aluminium cover give it a robust, professional finish in powder-coated black that looks at home in any setting.

Connectivity is where the Neo H truly shines. You get two HDMI outputs and a DisplayPort for flexible multi-screen setups, two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports for fast peripheral connections, and a gigabit Ethernet port for quick, stable networking. Audio and microphone connections are also built in, so it's ready to integrate into your existing systems straight away.

Every unit is 100% designed and made in India, and it comes ready to run with Windows 11 Pro, giving you a familiar, secure environment from the moment it's powered on.

Upgrade your workspace with the High Performance version of our bestselling Neo model. Order your Neo H Mini PC today and experience the difference that serious performance makes.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	12700
Cores	12
Max Frequency	4.9 GHz
Cache	25 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	8 GB
SSD Storage	512 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 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i7_12d-[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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