Thinvent Neo H Mini PC

Intel Core i3-12100 processor

4 core, up to 4.3 GHz, 12 MB cache

8GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Pro

SKU: H-I3_12D-8-M256-19_7-X-11P-0

Compact Power, Built for the Factory Floor

Meet the Thinvent Neo H Mini PC, the High Performance flagship of our bestselling Neo range. Powered by the Intel® Core™ i3-12100 processor, it brings dependable computing muscle to spaces where a standard desktop simply won't cut it.

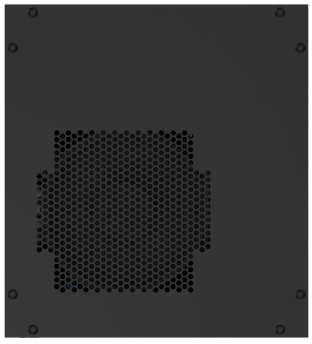
Whether you're running industrial control software, managing machine data or keeping production lines moving, the Neo H responds quickly and keeps going through demanding workdays. Its compact footprint slips neatly into tight control cabinets and crowded workstations, so you gain serious performance without sacrificing valuable space.

Connectivity is where the Neo H truly shines. You can link up to two HDMI displays and a DisplayPort screen, while multiple USB 3.2 ports let you connect sensors, scanners and peripherals with ease. Gigabit Ethernet keeps your network connection fast and reliable, and dedicated audio ports support alarms, announcements and voice communication.

Built with a robust steel base and aluminium cover in a powder-coated black finish, the Neo H is designed to look professional and handle everyday industrial life. It arrives with Windows 11 Pro preinstalled, giving you a familiar, secure environment from the moment you switch it on.

Proudly designed and made in India, the Neo H is ideal for industrial control, automation, kiosks and any application that calls for dependable performance in a compact package.

Choose the Thinvent Neo H Mini PC and give your operation the reliable, high-performance foundation it deserves.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	12100
Cores	4
Max Frequency	4.3 GHz
Cache	12 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

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-i3_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			

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India