Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

32GB SSD

No WiFi

Windows 11 Pro

SKU: H-I3_12-32-S32T-12_7-X-11P-0



Unleash Compact Power: The Thinvent® Neo H Mini PC.

Experience desktop performance in a miniature footprint with the Thinvent® Neo H. Engineered for efficiency and reliability, this Mini PC is your ideal partner for professional productivity, education, and demanding home use.

Exceptional Performance

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz with 10 MB cache for lightning-fast responsiveness.
- Enjoy seamless multitasking and smooth application handling with 8GB DDR4 RAM.
- Boot up in seconds and load applications instantly thanks to the rapid 256GB SSD storage.
- Powered by Microsoft Windows 11 Pro, offering enhanced security, intuitive navigation, and powerful productivity tools for a truly professional experience.

Robust Connectivity & Display

- Connect effortlessly with a reliable 1000 Mbps Ethernet port for rock-solid wired network performance.
- Expand your visual workspace with dual display support via 1 HDMI and 1 VGA port.
- Stay connected with two USB 3.2 and two USB 2.0 ports for all your peripherals, alongside dedicated speaker out and mic in jacks.

Durable Design & Reliability

- Housed in a robust black powder-coated steel chassis, the Thinvent® Neo H is built for longevity and a sleek, professional aesthetic, measuring just 210mm × 202mm × 80mm.
- Designed for continuous operation in temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Backed by BIS, RoHS, and ISO certifications, ensuring quality and environmental compliance.

Powering your productivity with a 12V 7A adapter and a generous 2-meter cable for flexible setup, capable of handling 100~275 Volts AC input.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 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	1.79kg, 2.21kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i3_12-[RAM]-[SSD]-12_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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