Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

32GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_12-32-S32T-12_7-X-THINUX-0



Unleash compact power: Your secure, high-performance computing solution.

Introducing the Thinvent® Neo H Mini PC, a powerhouse designed for environments demanding robust performance, unparalleled reliability, and secure operation. This ultra-compact device redefines efficiency, delivering enterprise-grade capabilities without the footprint.

Blazing Performance

- Experience seamless multitasking and rapid data processing with the Intel® Core™ i5-1250P processor, featuring 12 cores and bursting up to 4.4 GHz with 12 MB of cache.
- Command superior responsiveness with 32GB DDR4 RAM, ensuring effortless handling of demanding applications.
- Boot instantly and access files in a flash thanks to the expansive 512GB SSD storage.

Optimized with Thinux™ Embedded Linux

- Enjoy a highly secure and efficient computing experience powered by Thinvent® Thinux™ Embedded Linux.
- Leverage integrated tools like Chromium and Mozilla Firefox browsers for web access.
- Benefit from robust remote capabilities including RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing for effortless remote management and display.
- Boost productivity with LibreOffice, PDF viewer, and multimedia player (MPEG4 support).
- Develop and deploy applications with support for Java, Python, and glibc, plus SIP video and voice over IP communication.

Robust Connectivity and Design

- Connect effortlessly with HDMI and VGA for versatile display outputs, 2x USB 3.2 and 2x USB 2.0 ports for peripherals, and gigabit Ethernet for reliable wired networking.
- Housed in a durable, powder-coated black steel chassis (210mm × 202mm × 80mm), this Mini PC is built for longevity and operates reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent® Neo H Mini PC is your ideal choice for secure, high-performance embedded applications, thin client deployments, and robust edge computing. It comes complete with a reliable 12V 7A adapter.





Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 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

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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i5_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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