Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_14-16-M128-12_5-X-THINUX-0

Thinvent® Neo H Mini PC: Unrivaled Power, Unwavering Reliability, Made for Industry.

Experience the apex of industrial computing with the Thinvent® Neo H Mini PC. As the high-performance evolution of our bestselling Neo line, this robust workhorse is engineered in India for demanding environments. Its solid steel chassis, finished with a durable power coating in black, guarantees longevity and stability where it matters most, making it suitable for industrial control and similar applications.

Unleash exceptional speed and responsiveness

- Driven by an Intel® Core™ 5 120U processor featuring 10 cores, up to 5.0 GHz, and 12 MB cache
- Paired with a massive 32GB DDR4 RAM for seamless multitasking and handling demanding applications
- Ultra-fast 128GB SSD ensures rapid boot-ups and quick data access

Connectivity and Control

- Extensive I/O options for versatile deployment: 2x HDMI, 1x VGA, 2x USB 3.0, 2x USB 2.0, Speaker Out, and Mic In
- Gigabit Ethernet (1000 Mbps) provides stable, high-speed wired networking, ideal for critical applications
- Powered by a 12V 7A adapter with a 2-metre cable, accepting 100~275 Volts AC input
- Operates reliably from 0°C to 40°C with 20% to 80% RH non-condensing humidity

Thinvent® Thinux™ Embedded Linux: Your Operational Advantage

- Pre-installed with Thinvent® Thinux™ for a secure and optimized experience
- Features comprehensive remote management capabilities: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, VNC shadowing, and browser-based remote management
- Includes essential productivity tools: Chromium and Mozilla Firefox browsers, LibreOffice, and a PDF viewer
- Supports Java, Python, and glibc-based applications, plus multimedia playback with MPEG4 support, and SIP video and voice over IP

Measuring 210mm × 202mm × 80mm, this compact powerhouse is 100% designed and made in India. Carrying BIS, RoHS, and ISO certifications, the Thinvent Neo H is your trusted solution for high-performance industrial computing.

Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.33kg, 1.75kg

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_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
	64 = 64GB DDR4			
SSD	**m128** = 128GB		**m256** = 256GB	
	m32 = 32GB		**m512** = 512GB	
	m1024 = 1TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	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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