Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_12D-16_16-M256-19_7-X-THINUX-0



Power That Keeps Up With Your Industrial Demands

Meet the Thinvent® Neo H Mini PC, the high-performance flagship of our bestselling Neo range. Built around the 12th Generation Intel® Core™ i5-12400 processor, it delivers the speed and reliability that industrial control and similar applications demand, all within a compact, robust chassis.

Designed and made in India, the Neo H pairs a steel base with a powder-coated black aluminium cover, giving it a clean, professional look that suits the workshop, control room or production floor alike.

Who It's For

- Industrial control and automation teams who need a dependable system that responds quickly
- Engineers running location-based applications in Java, Python and glibc-based environments
- Businesses seeking a capable remote management and display solution

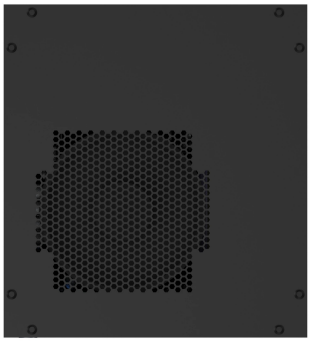
Why You'll Love It

- Six cores with boosted speeds keep demanding tasks moving smoothly
- Plenty of connectivity, including two HDMI ports, a DisplayPort, multiple USB 3.2 ports and gigabit Ethernet, so you can connect your existing equipment with ease
- Remote access made simple with RDP, SSH, Putty, browser-based management and VNC shadowing
- Ready to work out of the box with Thinvent® Thinux™ Embedded Linux, complete with Chromium, Firefox, LibreOffice and a PDF viewer
- Built-in support for SIP video and voice over IP keeps communication flowing

Whether you are upgrading a control system or building a new one, the Thinvent® Neo H Mini PC gives you the performance and connectivity to get the job done with confidence.







Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12400
Cores	6
Max Frequency	4.4 GHz
Cache	18 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	32 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	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

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H-i5_12d-[RAM]-[SSD]-19_7-[Wireless]-[OS]-[Accessories]
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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