



Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_12D-4-M2048-19_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.

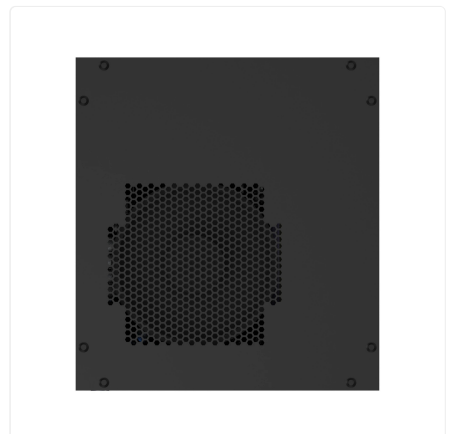
Who It's For

- 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	4 GB
SSD Storage	2048 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
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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	<p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p>

Ordering Information

PRODUCT CODE

H-i5_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

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m128_S128 = Dual 128GB

S128_S32 = 128GB SSD + 32 GB MLC

m32_S32 = 32GB SSD + 32 GB MLC

h1024 = 1TB HDD

n1024_h1024 = 1TB NVMe SSD + 1TB HDD

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

m128_S32 = 128GB SSD + 32 GB MLC

S128_S128 = 128GB SSD + 128 GB MLC

S32_S32 = 32GB MLC SSD + 32 GB MLC

n512_h1024 = 512GB NVMe SSD + 1TB HDD

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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