



Thinvent® Neo H Mini PC, Intel® Core™ i5-1250P processor (12 core, up to 4.4 GHz, 12 MB cache), 32GB DDR4 RAM, 512GB SSD, 12V 7A Adapter, Dual Band WiFi, Thinux™ Embedded Linux, DB9 Serial

SKU: [H-i5_12-32-m512-12_7-m-Thinux-1S](#)

Unleash Unrivalled Performance: The Thinvent® Neo H, Your Industrial Workhorse.



Processing

Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

Display

HDMI	1
VGA	1

Audio

Speaker Out	1
Mic In	1

Connectivity

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

Networking

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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

Dimensions	210mm × 202mm × 80mm
Housing Material	Steel
Housing Finish	Power Coating
Housing Colour	Black

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.