



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: R-I3_12-16_16-M128-12_7-M-
THINUX-KM



Unleash Productivity with Compact Power: The Thinvent® Neo R/4 Mini PC

Experience seamless performance and efficient operations with the Thinvent® Neo R/4 Mini PC. Engineered for reliability and speed, this compact powerhouse is your ideal solution for modern computing needs.

Key Specifications

- Processor: Intel® Core™ i3-1215U with 6 cores, reaching up to 4.4 GHz and a 10 MB cache for swift multitasking.
- Memory & Storage: 4GB DDR4 RAM coupled with a spacious 1TB SSD ensures fast boot times and ample storage.
- Connectivity: Versatile ports including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, and 1000 Mbps Ethernet.
- Wireless: Stay connected with Dual Band WiFi (Wi-Fi 5, 802.11ac).

Included Peripherals and Software

- Operating System: Runs on Thinux™ Embedded Linux, optimized for performance and security.
- Bundled Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set for an immediate out-of-the-box experience.

Designed for Efficiency

- Robust Construction: A durable steel housing with a sleek black powder coating ensures longevity.
- Compact Design: Measuring just 198mm × 200mm × 73mm and weighing a mere 110 grams, it saves valuable desk space.
- Power: Powered by a 12V 7A adapter with a universal input (100~275 Volts AC).

Thinux™ Embedded Linux Features

- Enhanced Browsing: Includes Chromium and Mozilla Firefox browsers.
- Remote Access: Supports RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for remote display.
- Management: Features browser-based remote management and VNC shadowing.
- Development Support: Offers Java, Python, and glibc based location application support.
- Productivity Tools: Comes with LibreOffice and a PDF viewer.
- Multimedia: Enjoy multimedia playback with MPEG4 support.
- Communication: Integrated SIP for video and voice over IP.

Ideal for various environments, the Thinvent® Neo R/4 delivers exceptional value and performance.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

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

Form Factor	Mini PC
Dimensions	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.20kg, 2.62kg

ACCESSORIES

Keyboard and Mouse	1
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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.

Ordering Information

PRODUCT CODE

R-i3_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

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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