



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

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: R-I3_12-16_16-M128-12_5-X-
THINUX-KM

Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC: Your gateway to seamless computing and efficient operations. Designed for performance and reliability, this mini PC packs a punch without compromising on space.

Powerful Performance

- Powered by an Intel® Core™ i3-1215U processor, featuring 6 cores that boost up to 4.4 GHz with a 10 MB cache for swift multitasking.
- Experience lightning-fast responsiveness with 32 GB DDR4 RAM.
- Store your essentials and access them in an instant with a 256 GB SSD.

Versatile Connectivity

- Connect to any display with HDMI and VGA ports.
- Expand your audio setup with dedicated Speaker Out and Mic In.
- Utilize high-speed data transfer with 2 USB 3.2 and 2 USB 2.0 ports.
- Enjoy stable wired networking with a 1000 Mbps Ethernet port.

Smart and Efficient

- Runs on the robust Thinvent® Thinux™ Embedded Linux, optimized for performance and security.

- Comes pre-loaded with Chromium and Mozilla Firefox browsers for your web needs.
- Seamless remote access and management capabilities including RDP 10, Putty, SSH, and VNC shadowing.
- Supports Java, Python, and glibc for location-based applications.
- Includes LibreOffice and a PDF viewer for essential productivity tasks.
- Enjoy multimedia with a built-in player supporting MPEG4.
- Integrated SIP for video and voice over IP communication.

Built to Last

- Durable steel housing with a sleek black powder coating.
- Compact dimensions (198mm × 200mm × 73mm) and a lightweight design (110 grams).
- Reliable 12V 7A adapter for consistent power.
- Operates efficiently within a 0°C ~ 40°C temperature range.
- Certified with BIS, RoHS, and ISO for quality assurance.

Included Peripherals

- Thinvent® Keyboard and Mouse set for immediate use.



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
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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	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	2.11kg, 2.52kg

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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