

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: R-I3_12-16-M1024-12_5-X-THINUX-0



Unleash Mighty Performance in a Minimal Footprint: The Thinvent® Neo R/4 Mini PC.

Experience robust power and exceptional reliability with the Thinvent® Neo R/4 Mini PC, engineered for efficiency in any professional setting. This compact powerhouse is driven by an Intel® Core™ i3-1215U processor, featuring 6 cores, a turbo frequency of up to 4.4 GHz, and a substantial 10 MB cache for responsive multitasking.

Operating System

Pre-installed with Thinvent® Thinux™ Embedded Linux, this Mini PC offers a secure and versatile environment. Benefit from

- Integrated Chromium and Mozilla Firefox browsers for seamless web access.
- Advanced remote display options with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH.
- Convenient browser-based remote management and VNC shadowing for effortless administration.
- Robust support for Java, Python, and glibc based local applications.
- Essential productivity tools including LibreOffice, a PDF viewer, and a multimedia player with MPEG4 support.

- Built-in SIP video and voice over IP for enhanced communication.

Design and Connectivity

Crafted from durable, powder-coated steel in a sleek black finish, this mini PC is incredibly lightweight at just 110 grams and boasts compact dimensions of 198mm × 200mm × 73mm, fitting seamlessly into any workspace. Connectivity includes

- Versatile display outputs: 1 HDMI and 1 VGA.
- Ample peripheral support: 2 USB 3.2 ports and 2 USB 2.0 ports.
- Stable networking via 1000 Mbps Ethernet.
- Dedicated speaker out and mic in ports.

Reliability and Power

Designed for continuous operation from 0°C to 40°C, the Neo R/4 ensures steadfast performance. It is supplied with a 12V 7A adapter and carries essential BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance. With 4GB DDR4 RAM and a swift 128GB SSD, it's optimized for speed and stability.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 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	1.59kg, 2.01kg

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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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