



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: R-I5_12-16_16-S256-12_5-X-
THINUX-KM

Unleash Productivity with the Thinvent® Neo R/4 Mini PC: Compact Powerhouse for Modern Workflows

Experience exceptional performance and reliability in an ultra-compact design. The Thinvent® Neo R/4 Mini PC redefines efficiency with its robust Intel® Core™ i5-1250P processor, delivering 12 cores of processing power, reaching up to 4.4 GHz with a 12 MB cache for seamless multitasking. Coupled with 4GB DDR4 RAM and a lightning-fast 512GB SSD, boot times and application loading are virtually eliminated.

Built for the future, this Mini PC runs on the specialized Thinvent® Thinux™ Embedded Linux, optimized for security and performance. Included is a convenient Thinvent® Keyboard and Mouse set, ready for immediate use.

Key Specifications and Benefits

- Powerful Performance:
 - Intel® Core™ i5-1250P processor
 - 12 cores for superior multitasking
 - Up to 4.4 GHz max frequency
 - 12 MB cache for rapid data access
- Speedy Storage and Memory:
 - 512 GB SSD for swift data transfer
 - 4 GB DDR4 RAM for smooth operation
- Versatile Connectivity:
 - HDMI and VGA ports for dual monitor support
 - 2x USB 3.2 and 2x USB 2.0 ports
 - Integrated 1000 Mbps Ethernet
- Robust and Reliable:
 - Durable steel housing with a sleek black power coating
 - Operates efficiently within 0°C ~ 40°C
 - Power efficient 12V 7A adapter
- Comprehensive Operating System Features:
 - Thinvent® Thinux™ Embedded Linux
 - Chromium and Mozilla Firefox browsers for web browsing
 - Secure remote access with RDP 10, Putty, and SSH
 - Java, Python, and glibc location application support
 - Full office suite with LibreOffice and PDF viewer
 - Multimedia playback with MPEG4 support
 - SIP video and voice over IP capabilities
- Compact and Lightweight:
 - Dimensions: 198mm × 200mm × 73mm
 - Weighing only 110 grams, it fits anywhere
- Ready to Deploy:
 - Includes keyboard and mouse
 - Certified for BIS, RoHS, and ISO for peace of mind



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Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

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	2.14kg, 2.56kg

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-i5_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		m256 = 256GB	
	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	
	Thinux = Thinux™ 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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