Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: R-I5_12-8_8-S128-12_10-M-THINUX-0



Unleash Mighty Performance in a Mini Footprint.

Experience revolutionary compact computing with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse delivers exceptional speed and efficiency, perfect for business, education, and industrial applications where space and reliability are paramount.

Unrivaled Performance

- Driven by the Intel® Core™ i5-1250P processor featuring 12 cores, a blistering 4.4 GHz max frequency, and a generous 12 MB cache, it handles multitasking and complex applications with ease.
- Boasting 32GB DDR4 RAM, you'll experience seamless transitions and rapid processing.
- A 128GB SSD ensures lightning-fast boot times and application loading, keeping your workflow uninterrupted.

Thinvent® Thinux™ Advantage

- Pre-installed with Thinvent® Thinux™ Embedded Linux, this Mini PC offers a secure, stable, and highly customizable environment.
- Benefit from full browser support with Chromium and Mozilla Firefox, alongside essential productivity tools like LibreOffice and a PDF viewer.
- Advanced remote management features include RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based management, and VNC shadowing for unparalleled control and accessibility.
- Enjoy robust application support for Java, Python, and glibc-based solutions, plus integrated multimedia playback and SIP video/voice over IP capabilities.

Connectivity and Design

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet (1000 Mbps).
- Extensive I/O includes HDMI, VGA, two USB 3.2, and two USB 2.0 ports, catering to all your peripheral needs.
- Encased in a durable, powder-coated black steel housing, this device is built to last, yet incredibly lightweight at just 110 grams, offering extreme portability.

Reliability and Efficiency

- Designed for diverse environments, it operates reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and environmental responsibility.
- The 12V 7A adapter ensures efficient power delivery with a wide input range (100-275V AC).



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	16 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

NETWORKING

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

POWER

DC Voltage	12 Volts
DC Current	10 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	1.72kg, 2.13kg

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.

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Ordering Information

PRODUCT CODE

`R-i5_12-[RAM]-[SSD]-12_10-[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	
	m2048 = 2TB		**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	
	11O = Windows 11 Professional		**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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