

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

No WiFi

DOS

DB9 Serial



SKU: R-I5_12L-16-M1024-12_7-X-DOS-1S

Unleash the power of compact computing for demanding industrial applications.

Engineered for reliability and robust performance, the Thinvent® Neo R/4 Mini PC is the steadfast heart for your critical operations. Designed to thrive in challenging environments, it delivers the consistent power you need without the bulk.

Perfect for your demanding projects

- Serve as the central hub for digital signage, kiosks, or interactive displays, ensuring smooth and uninterrupted operation.
- Power complex automation and control systems with its dependable dual LAN and serial connectivity for seamless equipment integration.

- Manage data acquisition and HMI (Human-Machine Interface) tasks with the processing muscle to handle multiple data streams.
- Deploy in space-constrained industrial settings where its rugged, steel construction and wide operating temperature range guarantee uptime.

Built for the long haul, this industrial-grade mini PC offers a rock-solid foundation. Its fanless design minimises points of failure, while the trusted Intel® Core™ architecture provides the performance headroom for today's tasks and tomorrow's challenges. Choose the Neo R/4 for a computing solution that simply works, day in and day out.



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	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE	
R-i5_12l-[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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