



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set



SKU: R-I3_12L-16_16-M512-12_5-X-W_OS-KM

Unleash reliable, efficient performance in a compact footprint.

Perfectly Engineered for Business and Industry

Designed for demanding environments, the Thinvent Neo R/4 delivers dependable computing power wherever you need it. Its rugged, space-saving design fits seamlessly into retail kiosks, digital signage arrays, or industrial control panels, freeing up valuable workspace.

Built for Seamless Connectivity and Control

With dual Gigabit LAN ports, integrate effortlessly into complex networks for data acquisition, network management, or as a dedicated firewall. Enjoy crisp, clear visuals on multiple displays via HDMI and VGA outputs, ideal for information points or monitoring stations.

Ready for Your Vision

Arriving without an operating system, this mini PC offers complete flexibility. Install your preferred software platform to create a tailored solution for point-of-sale, automation, or thin client applications. The included keyboard and mouse set ensure you can get started right out of the box.

Trust in Robust, Certified Quality

Constructed with a durable steel chassis, the Neo R/4 is built to last in commercial settings. It carries key industry certifications, giving you confidence in its safety and reliability for continuous operation.

Simplify your infrastructure with a powerful, professional-grade computer that works as hard as you do.



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	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	Without OS
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Ordering Information

PRODUCT CODE

R-i3_12l-[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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