Thinvent Neo R/4 Mini PC

Intel Core i5-1250P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux



SKU: R-I5_12LG-16-M1024-12_7-X-U-0

Big performance in a small steel box.

The Thinvent® Neo R/4 Mini PC brings 12th-generation Intel® Core™ i5 power to your desk, your kiosk or your shop floor without taking up the space a tower demands. With twelve cores and speeds up to 4.4 GHz, it handles everyday multitasking, point-of-sale software, digital signage and back-office workloads with ease, while the roomy 12 MB cache keeps your applications feeling quick to respond.

Why choose the Neo R/4

- Dual gigabit Ethernet ports let you keep your office and device networks separate, a real advantage for retail, hospitality and industrial setups.
- Ubuntu Linux 24.04 LTS comes ready to run, so you can deploy straight out of the box with the stability your business needs.
- A steel, powder-coated housing protects the internals in busy environments, and the compact footprint fits neatly under a counter or beside a screen.
- Flexible display connectivity through HDMI and VGA makes it simple to drive monitors, projectors or legacy displays.
- Plenty of USB 3.2 ports for peripherals, scanners, printers and card readers.
- Certified to BIS, RoHS and ISO standards, giving you confidence in quality and compliance.
- Runs reliably in typical indoor conditions, from 0°C to 40°C, so it suits offices, workshops and retail floors alike.

Whether you are refreshing an ageing desktop fleet or building a dedicated terminal for a specific task, the Neo R/4 delivers dependable computing in a tidy, professional package. Simple to power, simple to place and simple to live with.





Thinvent Neo R/4 Mini PC

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1250P
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

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	335mm × 240mm × 110mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

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Ordering Information

PRODUCT CODE

`R-i5_12lg-[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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 1TB HDD	
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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