Thinvent Neo R/4 Mini PC

Intel Core i5-1235U processor

10 core, up to 4.4 GHz, 12 MB cache

Dual LAN

6 COM

32GB DDR4 RAM

1TB HDD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set



SKU: R-I5_12L6-32-H1024-12_7-X-U-KM

Power your shop floor with a mini PC built for real industrial work.

The Thinvent® Neo R/4 Mini PC brings Intel® Core™ i5-1235U performance to the factory floor, the billing counter and the control cabinet. With ten cores responding in an instant, it keeps your production software, POS terminals and machine dashboards moving without the stutter that slows a shift down.

Why teams choose the Neo R/4

- Two Ethernet ports let you keep plant equipment and office traffic on separate connections, so a busy network never interrupts your line.
- Six COM ports mean your legacy machinery, barcode scanners and industrial instruments connect directly, with no adapters to lose or fail.
- Ubuntu Linux 24.04 LTS comes ready to run, giving you a stable, familiar platform for kiosks, terminals and edge applications from day one.
- Steel housing with a powder coated finish stands up to workshop conditions, dust and daily handling.
- A complete package with keyboard and mouse included, so you deploy straight out of the box.

Whether you are running a retail counter, a workshop terminal or a control room station, the Neo R/4 gives you the reliability of an industrial machine in a compact footprint. It is built to sit quietly in the background and keep your operation running, shift after shift.

Choose Thinvent® Neo R/4 and put dependable computing where the work actually happens.





Thinvent Neo R/4 Mini PC

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1235U
Cores	10
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
HDD Storage	1024 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	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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

Thinvent Neo R/4 Mini PC

Ordering Information

PRODUCT CODE

`R-i5_12l6-[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	
	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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