



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: R-I3_12-32-M512-12_5-X-THINUX-KM

Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC: Your gateway to seamless computing and efficient operations. Designed for performance and reliability, this mini PC packs a punch without compromising on space.

Powerful Performance

- Powered by an Intel® Core™ i3-1215U processor, featuring 6 cores that boost up to 4.4 GHz with a 10 MB cache for swift multitasking.
- Experience lightning-fast responsiveness with 32 GB DDR4 RAM.
- Store your essentials and access them in an instant with a 256 GB SSD.

Versatile Connectivity

- Connect to any display with HDMI and VGA ports.
- Expand your audio setup with dedicated Speaker Out and Mic In.
- Utilize high-speed data transfer with 2 USB 3.2 and 2 USB 2.0 ports.
- Enjoy stable wired networking with a 1000 Mbps Ethernet port.

Smart and Efficient

- Runs on the robust Thinvent® Thinux™ Embedded Linux, optimized for performance and security.

- Comes pre-loaded with Chromium and Mozilla Firefox browsers for your web needs.
- Seamless remote access and management capabilities including RDP 10, Putty, SSH, and VNC shadowing.
- Supports Java, Python, and glibc for location-based applications.
- Includes LibreOffice and a PDF viewer for essential productivity tasks.
- Enjoy multimedia with a built-in player supporting MPEG4.
- Integrated SIP for video and voice over IP communication.

Built to Last

- Durable steel housing with a sleek black powder coating.
- Compact dimensions (198mm x 200mm x 73mm) and a lightweight design (110 grams).
- Reliable 12V 7A adapter for consistent power.
- Operates efficiently within a 0°C ~ 40°C temperature range.
- Certified with BIS, RoHS, and ISO for quality assurance.

Included Peripherals

- Thinvent® Keyboard and Mouse set for immediate use.



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 |
| USB 2.0 | 2 |
| RS485 Option | 1 |

NETWORKING

| | |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

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 |
|--------------------|---|

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. |

Ordering Information

| PRODUCT CODE | |
|---|--|
| R-i3_12-[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 |

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
 #11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
 UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

