

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

256GB SSD

No WiFi

Thinux Embedded Linux



SKU: TREO-I5_12-64-M256-12_5-X-THINUX-0

Unleash Uncompromised Performance with the Thinvent® Treo Mini PC

Experience the pinnacle of compact computing, engineered and manufactured with pride in India. The Thinvent® Treo Mini PC redefines efficiency with its robust Intel® Core™ i5-1250P processor, boasting 12 cores and a blazing 4.4 GHz max frequency for seamless multitasking and demanding applications. With a massive 64GB of DDR4 RAM and a lightning-fast 512GB SSD, boot times and application loading are virtually eliminated.

Key Performance Features

- Intel® Core™ i5-1250P processor
- 12 Cores
- Up to 4.4 GHz Max Frequency
- 12 MB Cache
- 64GB DDR4 RAM
- 512GB SSD Storage

Connectivity and Versatility

Designed for diverse environments, the Treo Mini PC offers a comprehensive suite of ports including HDMI, VGA, multiple USB 3.2 and USB 2.0 options, and a robust 1000 Mbps Ethernet connection. Built with a premium black powder-coated aluminium housing, it ensures superior heat dissipation and a sleek, professional aesthetic. This solid metal build, with its smooth finish, is not only durable but also contributes to efficient thermal management.

Included Peripherals and Power

- 1x HDMI
- 1x VGA
- 1x Speaker Out
- 1x Mic In
- 1x Front Speaker Out
- 1x Front Mic In
- 2x USB 3.2
- 2x USB 2.0

- 4x Front USB 2.0
- 1x 1000 Mbps Ethernet
- 12V 7A Adapter (100~275 Volts AC input)
- 2 Metre Cable Length

Embedded Intelligence with Thinux™

The Treo Mini PC comes pre-loaded with Thinux™ Embedded Linux, a powerful and secure operating system optimized for embedded solutions. This environment is packed with essential tools for productivity and remote access.

- OS Features:
- Chromium and Mozilla Firefox browsers for web-based tasks.
- RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for secure remote display capabilities.
- Browser-based remote management for simplified control.
- VNC shadowing for efficient support.
- Java, Python, and glibc for custom location applications.
- LibreOffice and PDF viewer for document management.
- Multimedia player with MPEG4 support for media playback.
- SIP for integrated video and voice over IP communication.

Designed for Reliability and Customization

Operating within 0°C ~ 40°C and 20% ~ 80% RH humidity, and certified by RoHS, ISO, and BIS, this Mini PC is built to last. Its compact dimensions (199.5mm × 181.5mm × 29.5mm) and VESA mount compatibility allow for flexible deployment. For larger requirements, customisable colours and designs are available, reflecting our commitment to meeting your specific needs.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 MB |
| Main Memory | 64 GB |
| SSD Storage | 256 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |

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 | 199.5mm × 181.5mm × 29.5mm |
| Packing Dimensions | 224mm × 319mm × 85mm |
| Housing Material | Aluminium |
| Housing Finish | Powder Coated |
| Housing Colour | Black |
| Net and Gross Weight | 1.42kg, 1.65kg |

ACCESSORIES

| | |
|------------|---|
| VESA Mount | 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 | | | | |
|--|--|---------------------|--|-----------------------|
| Treo-i5_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 | | | |
| Wireless | m = Dual Band WiFi | | X = No WiFi | |
| OS | DOS = DOS | | W_OS = Without OS | |
| | 11V = Windows 11 IoT Value | | 11P = Windows 11 Pro | |
| | Thinux = Thinux™ Embedded Linux | | U = Ubuntu Linux | |
| Accessories | 0 = None | | KM = Keyboard and Mouse set | |
| | MK = Mechanical Keyboard | | Mo = Wired Optical Scroll Mouse | |

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