



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-I3_12-8-M512-12_5-M-11V-0



Unleash India's power in a compact, robust form.

Experience unparalleled performance with the Thinvent® Treo Mini PC, a powerhouse 100% designed and made in India. Engineered for demanding tasks, its Intel® Core™ i3-1215U processor boasts 6 cores and speeds up to 4.4 GHz, complemented by a massive 64GB DDR4 RAM for seamless multitasking and a lightning-fast 128GB SSD for rapid boot-ups and application loading.

Built for Reliability

Crafted with a solid aluminium chassis, powder-coated in sleek black, the Treo Mini PC ensures efficient heat dissipation and exceptional durability. Its solid metal build and smooth finish speak to premium quality, designed to operate reliably from 0°C to 40°C. For large requirements, customisable colours and designs are available.

Seamless Connectivity

Connect with ease through a comprehensive array of ports, including 1 HDMI, 1 VGA, multiple USB 3.2 and 2.0 ports (8 in total), Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac). Audio versatility is covered with speaker out and mic in options.

Optimised for IoT

Running on Windows 11 IoT Enterprise LTSC 2024 Value, this mini PC is perfect for industrial, embedded, and commercial applications requiring long-term stability and security. Its ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) and VESA mount capability offer flexible deployment. Certified by RoHS, ISO, and BIS, the Thinvent® Treo Mini PC is the epitome of Indian engineering excellence.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 8 GB |
| SSD Storage | 512 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 | 3 |
| RS485 Option | 1 |

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

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 | 1.39kg, 1.61kg |

ACCESSORIES

| | |
|------------|---|
| VESA Mount | 1 |
|------------|---|

OPERATING SYSTEM

| | |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Treo-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 |
| 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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