

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## No WiFi

## Thinux Embedded Linux



SKU: TREO-I5\_13-64-M128-12\_5-X-THINUX-0

Thinvent Treo Mini PC: Compact Power, Indian Innovation.

Discover the Thinvent® Treo Mini PC, a powerhouse of efficiency and reliability, 100% designed and made in India. Engineered for demanding environments, this ultra-compact device delivers robust performance without compromise.

### Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores and burst speeds up to 4.6 GHz, backed by a 12 MB cache for seamless multitasking.
- Empower your workflow with 16GB DDR4 RAM, ensuring smooth operation across all applications.
- Boot instantly and load programs in a flash thanks to the rapid 128GB SSD.

### Thinux™ Embedded Linux Experience

- Benefit from Thinvent® Thinux™ Embedded Linux, a secure and versatile operating system optimized for peak performance.
- Access essential tools: Chromium and Mozilla Firefox browsers, RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC for comprehensive remote access and management.
- Browser based remote management.
- Develop and deploy custom applications with Java, Python, and glibc support.
- Enhance productivity with LibreOffice and a built-in PDF viewer.

- Enjoy multimedia content with MPEG4 support and leverage SIP video and voice over IP capabilities.

### Robust, Indian-Made Design

- Crafted from solid aluminium with a sleek black, powder-coated finish, this mini PC is built for durability and efficient heat dissipation.
- Its solid metal construction guarantees a smooth finish and long-lasting reliability.
- Ultra-compact dimensions (199.5mm × 181.5mm × 29.5mm) and VESA mount compatibility ensure discreet and flexible installation.
- For large requirements, customisable colours and designs are available to meet your specific needs.

### Connectivity and Reliability

- Connect dual displays via HDMI and VGA.
- Access extensive peripheral support with 2x USB 3.2 and 6x USB 2.0 ports (2 rear, 4 front).
- Ensure stable, high-speed networking with 1000 Mbps Ethernet.
- Built for continuous operation: 0°C ~ 40°C temperature range and 20% ~ 80% RH non-condensing humidity.
- Certified for quality: RoHS, ISO, BIS.





## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 128 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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

### POWER

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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                            |
|----------------------|----------------------------|
| 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 | 1.32kg, 1.54kg             |

### ACCESSORIES

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

### OPERATING SYSTEM

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|                  |  |
|------------------|--|
| Operating System | Thinvent® Thinux™ Embedded Linux   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

## Ordering Information

| PRODUCT CODE   |  |                     |  |                       |
|--|--|---------------------|--|-----------------------|
| <b>Treo-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |  |                       |
| RAM  | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4                  | <b>32</b> = 32GB DDR4 |
|  | <b>64</b> = 64GB DDR4                  |                     |  |                       |
| SSD  | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                    |                       |
|  | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                    |                       |
|  | <b>m1024</b> = 1TB                     |                     |  |                       |
| Wireless   | <b>m</b> = Dual Band WiFi              |                     | <b>X</b> = No WiFi                     |                       |
| OS   | <b>DOS</b> = DOS                       |                     | <b>W_OS</b> = Without OS               |                       |
|  | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro            |                       |
|  | <b>Thinux</b> = Thinux™ Embedded Linux |                     | <b>U</b> = Ubuntu Linux                |                       |
| Accessories  | <b>0</b> = None                        |                     | <b>KM</b> = Keyboard and Mouse set     |                       |
|  | <b>MK</b> = Mechanical Keyboard        |                     | <b>Mo</b> = Wired Optical Scroll Mouse |                       |

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