



# Thinvent Uno 21.5" All in One PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Thinux Embedded Linux

Fixed Stand

SKU: UNO22-I3\_12-8\_8-M512-12\_5-X-THINUX-F



Thinvent Uno: Your Secure, High-Performance Hub for Modern Productivity.

Unleash efficiency with the Thinvent® Uno 21.5" All in One PC, a robust and purpose-built solution designed for demanding professional environments. Experience seamless performance and a secure, streamlined user experience tailored for business, education, and specialized applications.

### Unrivalled Performance

- Power through tasks with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz, backed by a responsive 10 MB cache.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth application switching and efficient operation.
- Enjoy rapid boot times and quick data access from the 128GB SSD.

### Brilliant Visuals and Communication

- Immerse yourself in a crisp 21.5" Full HD (1920 × 1080) display, offering vibrant visuals with 250 nits brightness and wide 178° viewing angles for comfortable collaboration.
- Stay connected with the integrated pop-up 2-megapixel camera and clear 2x3 Watt stereo speakers, complemented by dedicated mic-in and speaker-out ports.

### Thinvent Thinux™ Embedded Linux

- Benefit from a highly secure, stable, and low-maintenance operating system specifically optimized for enterprise needs.
- Access essential tools including Chromium and Mozilla Firefox browsers, LibreOffice, and a PDF viewer for everyday productivity.

- Seamlessly connect and manage remote sessions with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for robust remote display.
- Simplify administration with browser-based remote management and VNC shadowing capabilities.
- Support for Java, Python, and glibc based location applications expands its utility for specialized deployments.
- Enjoy multimedia playback with MPEG4 support and integrated SIP video and voice over IP for comprehensive communication.

### Robust Connectivity and Design

- Ensure unwavering network reliability with a dedicated 1000 Mbps Ethernet connection, ideal for secure, wired environments.
- Connect all your peripherals with two USB 3.2 ports and four USB 2.0 ports (including two side-mounted).
- Enhance versatility with HDMI and VGA outputs.
- Built for durability and security, its sleek black housing combines aluminium alloy, steel, and ABS plastic, featuring a fixed stand and a Kensington Lock for peace of mind.
- Operates efficiently with a 12V 7A adapter and a wide 100~275V AC power input.

### Certified Quality

- Trust in a product that meets global standards, backed by RoHS, ISO, and BIS certifications.





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## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

|               |                                |
|---------------|--------------------------------|
| Screen Size   | 21.5 inch                      |
| Resolution    | 1920 × 1080                    |
| Brightness    | 250 nits                       |
| Viewing Angle | Horizontal 178°, Vertical 178° |
| Camera        | Pop up, 2 Megapixel            |
| HDMI          | 1                              |
| VGA           | 1                              |

### AUDIO

|             |             |
|-------------|-------------|
| Speakers    | 2 × 3 Watts |
| Speaker Out | 1           |
| Mic In      | 1           |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| Side 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 |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                                        |
|----------------------|----------------------------------------|
| Form Factor          | All-in-One                             |
| Stand                | Fixed                                  |
| Dimensions           | 490mm × 378mm × 55mm                   |
| Housing Material     | Aluminium alloy, steel and ABS Plastic |
| Housing Colour       | Black                                  |
| Kensington Lock      | Yes                                    |
| Net and Gross Weight | 8.00kg, 8.00kg                         |

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

Amps maximum

Cable Length

2 Metre



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## Ordering Information

### PRODUCT CODE

Uno22-i3\_12-[RAM]-[SSD]-12\_10-[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

#### 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

**F** = Fixed Stand

**HA** = Height Adjustable Stand

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#### R&D and Manufacturing

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