



# Thinvent Uno 21.5" All in One PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

16GB DDR4 RAM (2 x 8GB)

## 1TB SSD

## No WiFi

## Thinux Embedded Linux

## Fixed Stand

SKU: UNO22-I7\_12L-8\_8-M1024-12\_7-X-THINUX-F



## Precision Engineered for Demanding Environments

The Thinvent® Uno All-in-One PC delivers unwavering industrial-grade performance where you need it most. Forget consumer-grade fragility; this is a robust computing solution built for 24/7 reliability in kiosks, digital signage, factory floors, and control rooms.

### Uncompromising Reliability in a Streamlined Design

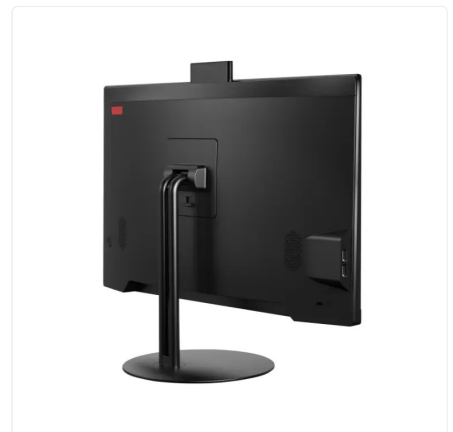
Say goodbye to bulky towers and messy cables. Its all-in-one aluminium alloy construction saves valuable space while resisting the rigours of daily industrial use. With dual Gigabit Ethernet ports, it ensures a rock-solid, hardwired network connection for critical data transfer and machine control.

### Effortless Remote Management and Deployment

Our dedicated Thinux™ operating system is the secret to seamless oversight. Manage, update, and troubleshoot your entire fleet of devices from a single, secure browser-based interface—no need for physical access. It comes fully equipped with essential productivity and development tools, ready to run your custom applications straight out of the box.

### Key Advantages

- Robust, fanless design ideal for dusty or sensitive environments.
- Simplified setup and maintenance with an integrated, clutter-free form factor.
- Enhanced security and stability with a purpose-built, lightweight OS.
- Direct support for industrial protocols and remote management tools.
- A cost-effective, durable alternative to consumer PCs in commercial settings.



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## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 1024 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 |
| Side USB 2.0 | 2 |
| RS485 Option | 1 |

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### POWER

|             |                                 |
|-------------|---------------------------------|
| DC Voltage  | 12 Volts                        |
| DC Current  | 7 Amps                          |
| Power Input | 100~275 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 | 8.13kg, 8.13kg                         |

### 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-i7\_12l-[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

**m512** = 512GB

**m256** = 256GB

**m1024** = 1TB

#### Wireless

**m** = Dual Band WiFi

**X** = No WiFi

#### OS

**DOS** = DOS

**11V** = Windows 11 IoT Value

**Thinix** = Thinix™ Embedded Linux

**W\_OS** = Without OS

**11P** = Windows 11 Pro

**U** = Ubuntu Linux

#### Accessories

**F** = Fixed Stand

**HA** = Height Adjustable Stand

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