



# Thinvent Uno 21.5" All in One PC

## AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

## 8GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Thinux Embedded Linux

## Height Adjustable Stand

SKU: UNO22-R5\_7-8-M1024-19\_3-M-THINUX-HA



Powerful, compact, and built for the demanding edge.

### The Thinvent Uno 21.5: Your All-in-One Edge Computing Solution

- Driven by a capable AMD Ryzen 5 processor, this all-in-one handles multi-tasking, data processing, and multimedia playback without breaking a sweat.
- Its 21.5-inch full-HD display offers crisp visuals from almost any angle, perfect for interactive kiosks, digital signage, or point-of-sale stations.
- The pop-up camera ensures privacy when you need it and convenience when you don't – ideal for video calls or remote support.
- Running Thinvent's own Thinux Embedded Linux, you get a secure, stable, and low-footprint operating system that's ready out of the box with browsers, remote desktop tools, and office applications.
- Low power draw (12V DC) keeps running costs down and heat minimal, making it suitable for always-on deployments in retail, hospitality, or industrial settings.

- Height-adjustable stand lets you find the perfect viewing angle for your workspace, reducing strain and improving productivity.
- Comprehensive connectivity – including dual-band Wi-Fi, Gigabit Ethernet, HDMI, and multiple USB ports – means you can attach peripherals, network, and displays with ease.
- Aluminium alloy construction gives it a professional look and robust feel, built to withstand the rigours of a busy counter or factory floor.
- Built-in dual speakers and microphone input support SIP VoIP and video calls, turning it into a communication hub for your team.

With the Thinvent Uno 21.5, you get the reliability of an industrial-grade system in a sleek, space-saving form factor – backed by Thinvent's expertise in embedded computing.



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## Specifications

### PROCESSING

|                 |             |
|-----------------|-------------|
| Generation      | 7000 Series |
| Series          | Ryzen 5     |
| Processor Brand | AMD         |
| Processor Model | 7430U       |
| Cores           | 6           |
| Max Frequency   | 4.3 GHz     |
| Cache           | 16 MB       |
| Main Memory     | 8 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 Gen 1 | 2 |
| USB 2.0       | 2 |
| Side USB 2.0  | 2 |

### NETWORKING

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

### POWER

|             |                                 |
|-------------|---------------------------------|
| DC Voltage  | 19 Volts                        |
| DC Current  | 3 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                | Height Adjustable                      |
| Dimensions           | 490mm × 378mm × 55mm                   |
| Housing Material     | Aluminium alloy, steel and ABS Plastic |
| Housing Colour       | Black                                  |
| Kensington Lock      | Yes                                    |
| Net and Gross Weight | 7.58kg, 7.58kg                         |

### 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-r5\_7-[RAM]-[SSD]-19\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                                                 |                                                                                    |                                                               |                       |
|-------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m512</b> = 512GB                                                      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB                                          |                                                               |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                 |                                                               |                       |
| OS          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                                                               |                       |
| Accessories | <b>F</b> = Fixed Stand                                                                          | <b>HA</b> = Height Adjustable Stand                                                |                                                               |                       |

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