



Thinvent Uno 21.5" All in One PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

Height Adjustable Stand

SKU: UNO22-R5_7-4-M128-19_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	4 GB
SSD Storage	128 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. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. 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

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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