

# UA3 Thin Client

Power Meets Versatility



Ready

5 YEARS  
WARRANTY



**Unleash 30% More  
Power for Less**

With the AMD Ryzen™ processor, UA3 delivers 30% greater CPU performance without compromising on value, offering unparalleled efficiency for demanding tasks



**More Displays,  
More Productivity**

UA3 supports 3 multi-displays, 7 USB ports, and unified communication tools, ensuring your workspace operates at peak efficiency



*"Experience a leap in performance with UA3—offering 30% more power while remaining budget-friendly. Perfectly tailored for diverse industries like government, finance, healthcare, retail and manufacturing."*



**Ultimate Security,  
Unlimited Potential**

The UA3, powered by AMD's Hardware Validated Boot (HVB), designed to defend against threats, it's the ultimate security solution for today's flexible work environments



**Tailored for diverse  
Workspaces**

From government to finance and manufacturing, UA3 excels in diverse environments, delivering the power and reliability professionals need to succeed

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Power Meets Versatility



## Performance

<b>CPU</b>	AMD Ryzen™ Embedded R2312 processor 2.7GHz base clock up to 3.5GHz turbo frequency, Dual Core
<b>Memory</b>	8GB(4GB x2) DDR4-2400MHz dual channel (up to 32GB optional)
<b>Multiple Display</b>	3 DP 1.4 and 1 USB-C DP Alt Mode (DP 3 alternative) • Up to 3 x 4K60
<b>Display Resolution</b>	4K 60Hz (Max)
<b>Graphic &amp; Multimedia</b>	<ul style="list-style-type: none"> <li>AMD Radeon™ Graphics with up to 3 compute units, 1.2GHz Max</li> <li>HEVC, VP9 and AVC decode support</li> <li>Support AVX2 instruction sets</li> </ul>

## Expandability

<b>WiFi (Optional)</b>	<ul style="list-style-type: none"> <li>M.2 for WiFi module (E Key)</li> <li>2 external antenna holes reserved</li> <li>Bluetooth 5.3</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>Onboard 16GB eMMC as default (up to 64GB optional)</li> <li>mSATA slot for SSD installation</li> </ul>
<b>LAN</b>	RJ-45 10/100/1000Mbps
<b>USB</b>	4 USB-A 2.0, 2 USB-A 3.2 Gen2, 1 USB-C 3.2 Gen2 with DP Alt Mode
<b>Audio &amp; Sound</b>	Combo audio jack for headset & internal speaker
<b>Smart Card Reader</b>	Built-in Omnikey 3121 smart card reader (Optional)
<b>Power</b>	DC 12V/ 5A 60W power adapter

## Security / Manageability

<b>Processor Security</b>	<ul style="list-style-type: none"> <li>AMD Memory Guard</li> <li>AMD HVB</li> </ul>
<b>Security Lock</b>	Security lock 3*7mm
<b>WoL</b>	RJ45 LAN with standby power design supports Magic Packet wake-up event
<b>TPM</b>	Infineon TPM 2.0

## Environment

<b>Cooling</b>	Passive cooling (Noise-Free)
<b>Operating Temperature</b>	0 °C to 35 °C, 32 °F to 95 °F in vertical position
<b>Operating Humidity</b>	20% - 80% non-condensing
<b>ECO design</b>	30% Post-consumer recycled plastic (PCR) for plastic chassis
<b>Certificates</b>	CE, TÜV-GS, Energy Star8.0, WEEE, EPEAT Bronze

## Physical

### Dimension (w x h x d) & Weight

- 45 x 188 x 188mm (without foot stand) / 1.07Kg
- 68 x 195 x 188mm (with foot stand) / 1.12Kg

Note: UltrArmor may update or modify information, products, or programs without prior notice.