UltrArmor

UltrArmor Product Portfolio 2025

Your Trusted Partner for Digital Future

With over 40 years of expertise in thin client design, UltrArmor delivers fully integrated endpoint solutions for VDI, DaaS, and cloud environments. Our end-to-end approach ensures seamless hardware and software compatibility across various industries.

At UltrArmor, we simplify every step—from deployment to customization—streamlining operations while maintaining the flexibility to adapt to your unique needs.

40+
Years of operations

350+
Employees

200+
Happy Clients

7+
Channel Distributors

UltrArmor®

Secure, Sustainable, and Ready for the Digital Future

Elevate your digital workspace with UltrArmor's thin client solutions, meticulously crafted to address the complex demands of industries including healthcare, government, finance, manufacturing, and retail, ensuring seamless performance and tailored reliability for diverse environments.

Sustainability-Focused Thin Client Solutions

UA Series boasts a longer lifespan, low-power CPU, fanless design, and incorporates recycled materials for enhanced sustainability.

Sustainable Warranty

5-year warranty promotes longevity and minimizes waste

Extended Lifespan

Built to last 5-7 years, reducing frequent replacements

Eco-Friendly Product

Made with 30% PCR materials, targeting 60% in future production

Energy Efficient

Fanless design consumes just 7 watts/hour, less than typical PCs

UA2 Thin Client

Redefining the office Workspace

IGEL | Ready

5 YEARS WARRANTY

"Say goodbye to clutter and hello to simplicity with the UA2—Designed for industries that demand precision and style, such as finance, healthcare, and retail."

Power in the Palm of Your Hand

UA2's palm-sized design delivers robust office solutions, enabling Unified Communication for seamless calls, meetings, and messaging—all within your grasp

One Cable, Endless Possibilities

Multitask effortlessly, even in tight spaces. UA2 simplifies your workspace with a single USB Type-C cable, handling data storage, power delivery, audio, and video

Big on Savings, Small on Energy

Powered by the Intel Alder Lake, UA2's fanless design consumes just 7 watts per hour—8x more efficient than traditional PCs

Work Clean, Work Efficiently

Designed for industries that require clutter-free environments, such as finance, healthcare, and retail sectors. Enjoy a organized workspace without sacrificing top-tier performance

UA2
Thin Client

Redefining the office Workspace

Performance

CPU	Intel® Alder Lake N100 processor supports up to 3.4GHz max turbo boost, Quad Core
Memory	8GB DDR4-3200MHz single channel (up to 16GB optional)
Multiple Display	2 DP 1.4 and 1 USB-C DP Alt mode • Up to 1 x 4K60 + 2 x 1080P concurrent • Up to 2 x 4K60 HDR
Display Resolution	4K 60Hz (Max)
Graphic & Multimedia	• Intel® 12th UHD Graphics 24EUs • HEVC, VP9, and AVC decode support • Support AVX2 instruction sets

Expandability

WiFi (Optional)	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3
Storage	• Onboard 16GB eMMC as default (up to 64GB optional) • mSATA slot for SSD installation
LAN	RJ-45 10/100/1000Mbps
USB	4 USB-A 2.0, 2 USB-A 3.2 Gen1, 1 USB-C 3.2 Gen2 with DP Alt Mode, power delivery, data storage
Audio & Sound	Combo audio jack for headset & internal speaker
Power	DC 12V/ 4A 48W power adapter

Security / Manageability

Processor Security	Intel® boot guard
Security Lock	Security lock 3*7mm
WoL	RJ45 LAN with standby power design supports Magic Packet wake-up event
TPM	Infineon TPM 2.0

Environment

Cooling	Passive cooling (Noise-Free)
Operating Temperature	0 °C to 35 °C, 32 °F to 95 °F in vertical position
Operating Humidity	20% - 80% non-condensing
ECO design	30% Post-consumer recycled plastic (PCR) for plastic chassis

Physical

Dimension (w x h x d) & Weight
• 37 x 186 x 157mm (without foot stand) / 0.9Kg
• 57 x 191.5 x 157mm (with foot stand) / 0.94Kg

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

UA3 Thin Client

Power Meets Versatility

IGEL | Ready · 5 YEARS WARRANTY · epeat BRONZE

"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."

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.

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

More Displays, More Productivity

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

Tailored for diverse Workspaces

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

UA3
Thin Client

Power Meets Versatility

Performance

CPU	AMD Ryzen™ Embedded R2312 processor 2.7GHz base clock up to 3.5GHz turbo frequency, Dual Core
Memory	8GB(4GB x2) DDR4-2400MHz dual channel (up to 32GB optional)
Multiple Display	3 DP 1.4 and 1 USB-C DP Alt Mode (DP 3 alternative) • Up to 3 x 4K60
Display Resolution	4K 60Hz (Max)
Graphic & Multimedia	• AMD Radeon™ Graphics with up to 3 compute units, 1.2GHz Max • HEVC, VP9 and AVC decode support • Support AVX2 instruction sets

Expandability

WiFi (Optional)	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3
Storage	• Onboard 16GB eMMC as default (up to 64GB optional) • mSATA slot for SSD installation
LAN	RJ-45 10/100/1000Mbps
USB	4 USB-A 2.0, 2 USB-A 3.2 Gen2, 1 USB-C 3.2 Gen2 with DP Alt Mode
Audio & Sound	Combo audio jack for headset & internal speaker
Smart Card Reader	Built-in Omnikey 3121 smart card reader (Optional)
Power	DC 12V/ 5A 60W power adapter

Security / Manageability

Processor Security	• AMD Memory Guard • AMD HVB
Security Lock	Security lock 3*7mm
WoL	RJ45 LAN with standby power design supports Magic Packet wake-up event
TPM	Infineon TPM 2.0

Environment

Cooling	Passive cooling (Noise-Free)
Operating Temperature	0 °C to 35 °C, 32 °F to 95 °F in vertical position
Operating Humidity	20% - 80% non-condensing
ECO design	30% Post-consumer recycled plastic (PCR) for plastic chassis

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

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UA7
Thin Client

Built for Heavy Workloads

IGEL | Ready

5 YEARS WARRANTY

"Experience power, productivity, and protection—all in one. UA7 offers unbeatable security for high-pressure industries like government and healthcare."

Boosted Performance for Heavy Loads

With the AMD Ryzen™ processor, the UA7 offers 80% more CPU performance than the UA3, ensuring unmatched efficiency for demanding tasks

Versatile Connectivity, Maximum Productivity

Supporting up to 9 USB ports, including USB-C, the UA7 is perfect for the Hybrid Cloud Workforce, enhancing peripheral integration and efficiency

Designed for Multi-Display Precision

The UA7 supports up to 4 UHD/4K displays, delivering superior multimedia performance for users needing multi-screen setups

Top-Tier Security for High-Demand Workforces

The UA7 uses advanced fiber-optic encryption to secure data at high speeds, delivering unmatched protection for critical industries like government and healthcare

UA7
Thin Client

Built for Heavy Workloads

Performance

CPU	AMD Ryzen™ Embedded R2514 processor 2.1GHz base clock up to 3.7GHz turbo frequency, Quad Core
Memory	8GB(4GB x2) DDR4-2667MHz dual channel (up to 32GB optional)
Multiple Display	4 DP 1.4 and 1 USB-C DP Alt Mode (DP 4 alternative) • Up to 4 x 4K60
Display Resolution	4K 60Hz (Max)
Graphic & Multimedia	• AMD Radeon™ Graphics with up to 8 compute units, 1.2GHz Max • HEVC, VP9, and AVC decode support • Support AVX2 instruction sets

Expandability

WiFi (Optional)	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3
Storage	• Onboard 16GB eMMC as default (up to 64GB optional) • M.2 2242、2280 for SSD installation
LAN	RJ-45 10/100/1000Mbps 1 x SFP slot for 1 Gbps SFP module (Fiber project option)
USB	6 USB 2.0-A, 2 USB-A 3.2 Gen2, 1 USB-C 3.2 Gen2 with DP Alt Mode
Audio & Sound	Combo audio jack for headset & internal speaker
Smart Card Reader	Built-in Omnikey 3121 smart card reader (Optional)
Power	DC 12V/ 5A 60W power adapter

Security / Manageability

Processor Security	• AMD Memory Guard • AMD HVB
Security Lock	Security lock 3*7mm
WoL	RJ45 LAN with standby power design supports Magic Packet wake-up event
TPM	Infineon TPM 2.0

Environment

Cooling	Passive cooling (Noise-Free)
Operating Temperature	0 °C to 35 °C, 32 °F to 95 °F in vertical position
Operating Humidity	20% - 80% non-condensing
ECO design	30% Post-consumer recycled plastic (PCR) for plastic chassis

Physical

Dimension (w x h x d) & Weight
• 53 x 230 x 210mm (without foot stand) / 1.5Kg
• 80 x 236 x 210mm (with foot stand) / 1.56Kg

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UA9 Thin Client

Workforce Mobility Simplified

Built Durable, Built for the Mobile Workforce

The fanless UA9 eliminates moving components, ensuring unmatched durability and dependability for your mobile workforce

Stay Connected, Stay Productive

Built-in WiFi, wired connectivity, and support for two UHD/4K displays create a seamless, immersive workspace for mobile teams

Efficiency that Saves the Day—and Your Budget

Equipped with the Intel® Alder Lake CPU, UA9 slashes electricity costs, reduces e-waste, and extends its operational lifespan—all while delivering exceptional performance

Big Screen, Big Results

UA9's 15.6-inch LCD screen and Numpad keyboard are designed for productivity, making it ideal for intensive mobile work environments

UA9
Thin Client

Workforce Mobility Simplified

Performance

CPU	Intel® Alder Lake N100 processor supports up to 3.4GHz max boost frequency, Quad Core
Memory	8GB DDR4-3200MHz single channel
Multiple Display	15.6" full HD LCD, 1 HDMI , USB-C
Display Resolution	Full HD on LCD, 4K 60Hz on connected display (Max)
Brightness (typical)	250 cd/m² typ.
Viewing Angle	CR(>10):85/85 (V/H) typ.
Graphic & Multimedia	• Intel® 12th UHD Graphics 24EUs • Full HD 2MP webcam with microphone • HEVC, VP9, and AVC decode support • Support AVX2 instruction sets

Expandability

WiFi	• Onboard combo WiFi6, 2 internal antenna (RTL8852BE) • Bluetooth 5.2
Storage	• M.2 2280 M Key 128GB SATA SSD • Micro SD Card Reader
LAN	RJ-45 10/100/1000Mbps
USB	3 USB-A 3.2 Gen1, 1 USB-C 3.2 Gen1 with DP Alt mode, power delivery
Audio & Sound	Combo audio jack for headset & Internal speakers
Power	USB Type-C 65W power adapter
Battery	Polymer 3S1P 11.4V/3950mAh/45W Li-Polymer Battery, 3 cells
Keyboard Language	German, Spanish, French, English, Dutch

Security / Manageability

Security Lock	Security lock 3*7mm
WoL	RJ45 LAN with standby power design supports Magic Packet wake-up event
TPM	Infineon TPM 2.0

Environment

Cooling	Passive cooling (Noise-Free)
Operating Temperature	0 °C to 35 °C, 32 °F to 95 °F
Operating Humidity	20% - 80% non-condensing

Dimension (w x h x d) & Weight:
244 x 21.6 x 368mm / 1.8kg

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

UA10 Thin Client

Seamless Connectivity, Precision Productivity

Smart Performance, Smarter Savings

The UA10, powered by Intel® Celeron® Processor, combines energy efficiency with reliable performance, helping businesses maximize output while minimizing electricity expenses.

Work Smarter, Interact Better

Dual multi-display support, a 5M webcam, and dual microphones ensure efficient functionality and clear communication for healthcare, finance, and public sectors

See More, Achieve More

Featuring a 23.8" FHD LCD in a bezel-free, ultra-thin design, the UA10 minimizes distractions, letting you dive into work with clarity and focus

Adaptable Angles for Total Comfort

Work your way with UA10's adjustable orientations, supporting up to 90-degree portrait and landscape modes to maximize comfort in any task

UA10
Thin Client

Seamless Connectivity, Precision Productivity

Performance

CPU	Intel® Jasper Lake N5100 processor supports up to 2.8GHz Burst frequency, Quad Core
Memory	8GB DDR4-2933MHz single channel
Multiple Display	23.8" full HD LCD, 1 DP 1.4, 1 DVI-D
Display Resolution	Full HD on LCD, 4K 60Hz on connected display (Max)
Brightness (typical)	250 cd/m² typ.
Viewing Angle	CR(>10):178/178 (V/H) typ.
Graphic & Multimedia	• Intel® 11th UHD Graphics 24EUs • Full HD 5MP webcam with microphones • HEVC, VP9, and AVC decode support

Expandability

WiFi (Optional)	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3
Storage	• Onboard 8GB eMMC as default • mSATA slot for SSD installation
LAN	RJ-45 10/100/1000Mbps
USB	2 USB-A 2.0, 2 USB-A 3.2 Gen1
Audio & Sound	Combo audio jack for headset & internal speakers
Power	DC 19V/ 3.42A 65W power adapter
Mechanical Function	Tilt: -5°~23° Pivot: 90° Height Adjust: 110 mm Swivel: -65/65°

Security / Manageability

Security Lock	Security lock 3*7mm
WoL	RJ45 LAN with standby power design supports Magic Packet wake-up event
TPM	fTPM 2.0

Environment

Cooling	Passive cooling (Noise-Free)
Operating Temperature	0 °C to 35 °C, 32 °F to 95 °F
Operating Humidity	20% - 80% non-condensing

Physical

Dimension (w x h x d) & Weight:
540 x 433 x 48mm (without foot stand) / 3.2Kg
540 x 520 x 249mm (with foot stand) / 5.6Kg

Note: UltrArmor retains the authority to modify, correct, cancel, and/or enhance information, as well as products and programs described in such information, at any time without prior notice.

UA Series Product Overview

Secure, Sustainable, and Ready for the Digital Future

	UA2	UA3	UA7	UA9	UA10
Photo					
CPU	Intel® Alder Lake N100 supports up to 3.4GHz, QC	AMD Ryzen™ R2312 supports up to 3.5GHz, DC	AMD Ryzen™ R2514 supports up to 3.7GHz, QC	Intel® Alder Lake N100 supports up to 3.4GHz, QC	Intel® Jasper Lake N5100 supports up to 2.8GHz, QC
Memory	8GB DDR4-3200MHz single channel (up to 16GB optional)	8GB DDR4-2400MHz dual channel (up to 32GB optional)	8GB DDR4-2667MHz dual channel (up to 32GB optional)	8GB DDR4-3200MHz single channel	4GB DDR4-2933MHz single channel
Storage	Onboard 16GB eMMC as default (up to 64GB optional)	Onboard 16GB eMMC as default (up to 64GB optional)	Onboard 16GB eMMC as default (up to 64GB optional)	M.2 2280 M Key 128GB SATA SSD	Onboard 8GB eMMC as default
USB	4 USB-A 2.0, 2 USB-A 3.2 Gen1, 1 USB-C 3.2 Gen2 with DP Alt Mode, power delivery	4 USB-A 2.0, 2 USB-A 3.2 Gen2, 1 USB-C 3.2 Gen2 with DP Alt Mode	6 USB 2.0-A, 2 USB-A 3.2 Gen2, 1 USB-C 3.2 Gen2 with DP Alt Mode	3 USB-A 3.2 Gen1, 1 USB-C 3.2 Gen1 with DP Alt mode, power delivery	2 USB-A 2.0, 2 USB-A 3.2 Gen1
Multiple Display	2 DP 1.4 and 1 USB-C DP Alt Mode	3 DP 1.4 and 1 USB-C DP Alt Mode (DP 3 alternative)	4 DP 1.4 and 1 USB-C DP Alt Mode (DP 4 alternative)	15.6" full HD LCD, 1 HDMI 1.4, 1 USB-C Alt mode	23.8" full HD LCD, 1 DP 1.4, 1 DVI-D
WiFi (Optional)	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3	• Onboard combo WiFi6, 2 internal antenna (RTL8852BE) • Bluetooth 5.2	• M.2 for WiFi module (E Key) • 2 external antenna holes reserved • Bluetooth 5.3
Smart Card Reader	Not Available	Build in Omnikey smart card reader (Optional)	Build in Omnikey smart card reader (Optional)	Not Available	Not Available
Power	DC 12V/ 4A 48W power adapter	DC 12V/ 5A 60W power adapter	DC 12V/ 5A 60W power adapter	USB Type-C 65W power adapter	DC 19V/ 3.42A 65W power adapter
Dimension (w x h x d) & Weight	With foot stand - 57 x 191.5 x 157mm / 0.94Kg	With foot stand - 68 x 195 x 188mm / 1.12Kg	With foot stand - 80 x 236 x 210mm / 1.56Kg	244 x 21.6 x 368mm / 1.8kg	With foot stand - 540 x 520 x 249mm / 5.6Kg

UltrArmor Solutions:

Revolutionizing Healthcare, Government, Finance, Manufacturing, and Retail with Unmatched Innovation

MORE **ABOUT US**

Thank you for choosing UltrArmor as your trusted partner. Your success is our priority. Feel free to reach out through the contact details listed below.

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