BMC-ENABLED
extremeEDGE Server™

Simply NUC®

extremeEDGE Servers™
1000 | **2000** | **3000** Series

Artificial Intelligence
Accelerator Available

Introducing extremeEDGE Servers™, purposefully rugged for the challenges of edge computing. As data generation and processing increasingly occur at the edge, traditional servers often fall short due to their bulkiness, high cost, power consumption, and limited adaptability. extremeEDGE Servers™ are engineered to meet the evolving needs of modern enterprises, redefine what a server is, and revolutionize the market by "right-sizing" servers for specific applications and workloads. Delivering high-performance computing capability in a fraction of the space and cost of traditional servers. The groundbreaking NANO-BMC offers server-like manageability, reducing latency and improving energy efficiency.

While competitors operate at the edge, we venture to the extreme edge, seamlessly collecting, processing, and managing data to ensure maximum efficiency with ruggedized durability. Integrated AI inference at the edge further enhances performance, reducing costs and network latency compared to cloud-based solutions. extremeEDGE Servers™ offer unmatched quality and are the perfect solution tailored to your specific edge computing applications.

AI Inference at the Edge

Right Size & Performance

Ruggedized Durability

Remote Manage-ability with BMC

Explore Our Series:

- **1000 Series:** Ideal for IoT gateways to military deployments, offering unmatched versatility and efficiency in demanding environments.
- **2000 Series:** Powered by octa-core AMD Ryzen™ Embedded processors, excelling in AI applications, industrial automation, and retail deployments.
- **3000 Series:** Redefining possibilities at the edge with exceptional performance, connectivity, and reliability, perfect for mission-critical deployments in harsh environments.

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1000 | 1100

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Experience top-tier performance and remote management with our innovative 1000 Series. Designed for edge computing, these servers deliver rapid responses and effortless control.

- **Efficient Design:** Our fanless servers, powered by the Intel N5105 and N100 processors, operate silently and consume minimal power. With up to 32 GB of DDR4 memory and 8 TB of NVMe SSD storage, enjoy unmatched efficiency and performance.
- **Flexible Connectivity, and Scalability:** Easily adapt to various network setups with expanded connectivity options, including Wi-Fi and 4G LTE support. DIN rail compatibility and dense memory configurations offer seamless customization.
- **AI-Ready Performance, Enhanced Protection:** Boost edge computing capabilities with optional AI support. The 1100 Series integrates AI modules for real-time functions. Choose our "Conformal Coating" for added protection against dust and moisture.

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2000 | 2100 | 2200

Artificial Intelligence Accelerator Available

Experience the future of edge computing with the extremeEDGE Servers™ 2000 Series. Powered by high-performance AMD processors such as the V3C18I, 7840U, and AMD Pro 8840U, these servers deliver unmatched processing power at the edge. With up to 96 GB of memory and 16 TB of storage, the 2000 Series has all your business needs covered.

- **Unleash NANO-BMC's Power:** Revolutionize remote management with our compact NANO-BMC technology. Gain complete control over hardware, from remote console access to firmware updates, all designed for the extreme edge.
- **Future-Proof Your Network with AI and Protection:** Prepare for the future with optional AI support via M.2 add-in cards. With an optional Conformal Coating for added protection against dust, moisture, and harsh chemicals, ensuring longevity in any environment.
- **Enhanced Connectivity, and Scalability:** Experience expanded connectivity with dual mDP display support and SFP+ module compatibility, effortlessly adapting to evolving needs. The dual-port SFP+ connectors, supporting up to 10 Gb/s transfers to deliver exceptional performance and scalability for your network.

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Ruggedized Durability

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BMC-ENABLED
extremeEDGE Server™

Simply NUC®

extremeEDGE Servers™
3000 | 3100 | 3200

Artificial Intelligence
Accelerator Available

The 3000 series excels in extreme conditions, leveraging potent AMD processors for unparalleled processing power in a fanless design. Leveraging a lineup of potent AMD processors, including the V3C18I, 7840U, and AMD Pro 8840U, this series delivers unparalleled processing power within a fanless enclosure.

- **Next-Gen Control, AI-Driven Performance:** Utilize cutting-edge NANO-BMC technology for remote monitoring, management, and troubleshooting, boosting uptime and enabling real-time AI functions via optional M.2 add-in cards.
- **Tailored for Extreme Environments:** With DIN rail or 1U rack mounting options, silent operation, and optional Conformal Coating for added protection, the 3000 Series adapts to diverse settings while ensuring long-lasting performance.
- **Enhanced Connectivity, Versatile Solutions:** Benefit from dual RJ-45 ethernet, SFP+ modules, and support for WiFi 6E, BT 5.3, and optional 4G/5G connectivity, enabling seamless communication in any environment.

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