



Our mission is to develop the most reliable **storage and memory solutions** with the greatest performance, consistency and longest product availability.

Industrial Embedded Technology
for Our Interconnected World

Solid State Storage and Memory...



...for the Industrial Embedded Market

The Virtium Advantage



Secure hardware and software tools that optimize SSDs for reliability, endurance and data protection.

Sustainable solutions tailored for maximum availability, longevity and fair price.

Dependable teams skilled to solve all customer challenges swiftly - from qualification through entire product life cycle.

For more details and specs. visit the Storage and Memory sections at www.virtium.com

Industry Solutions

Virtium provides solid state storage and memory solutions to fulfill all the embedded industrial implementations below. These industry segments share these common requirements:

- Data protection against unexpected power loss
- Industrial temperature support (-40°C to 85°C)
- Balanced sequential and random read/write
- ESD, vibration and humidity resistance
- Low power / long product life
- Wide range of capacities
- Multiple interfaces and form factors
- Legacy support
- 99.9% uptime
- ROHS and REACH compliance



Communications

Communications equipment continues to experience exponential increases in demand for data while simultaneously maintaining quality of service, reducing total power consumption, and increasing the return-on-investment on a bit-transfer basis. Implementations include: base stations, DSLAMs, PBX systems, multi-service gateways and remote access servers.



Networking

Networking applications represent the “last mile” of IT data/content. They continue to require quality of service/experience, a reduction in total power consumption and return-on-investment. Implementations include: switches and routers, supervisor and mezzanine cards firewall and VPN equipment and small cell networks.



Energy

The Energy segment is subjected to electro-static discharge (ESD), extreme temperatures and high humidity. Urban sprawl means more demands on energy grids so the backbone systems require efficient uninterrupted operation and high durability. Implementations include: substation control, monitoring/diagnostics, data loggers, smart grid controllers and distribution systems.



Transportation

Transportation applications are inherently subjected to extreme temperatures, shock and vibration, and high humidity. Implementations include: simple data loggers, GPS / geo-location and navigation, rugged PCs, in-vehicle control, monitoring, diagnostics and a wide range of architectures and software.



Industrial Automation

Industrial Automation environments are diverse yet share common requirements - with regard to form-factor, legacy support and endurance. Implementations include: large production plants, industrial PCs, factory automation/robotics, kiosks, ATMs, terminals, process control units and data loggers.



Medical

Medical applications are increasing in complexity and moving closer to the patient. This requires low-power, low-latency solutions at low costs. Implementations include: therapeutic devices, medical imaging, patient diagnostics, measurement and monitoring equipment.



Video and Signage

Professional media companies range from high-performance HD video capture to broadcast video serving and digital signage applications. Some devices require heavy write performance (data capture) - others require high read performance (video serving). Implementations include: professional video capture/editing, broadcast, ad terminals, indoor/outdoor multimedia signage, casino gaming and surveillance/security.

About Virtium

- In business for nearly two decades.
- 100% focus and dedication for the industrial embedded market.
- Fully integrated hardware, firmware and software supported by industry's strongest application engineering team.
- Made in the USA following strict processes and ISO-9001 and ISO-14001 standards.
- Long and successful track record of servicing Tier-1 Industrial OEMs.
- Leading innovator in small-form-factor, high-capacity, high-density, high-reliability designs.
- Broad product portfolio from latest technology to legacy designs.
- High service level unmatched by competition.
- Strategic supply continuity through partnerships with leading technology suppliers.
- Long-term direct relationships with leading suppliers ensure on-time priority allocations and longer availability.
- Worldwide Sales and FAE support and industry distribution.



Made with pride in the USA.



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