

Stratus ztC Endurance[™] for fault-tolerant AI inference

With proven performance for AI image classification, the fault-tolerant, highly serviceable Stratus ztC Endurance 7100 gives your organization a strategic advantage as you forge ahead in the AI space.

Key Stratus ztC Endurance features

- ▶ High-performance 4th Generation Intel Xeon Scalable processors power quick CPU-based AI inference
- ▶ Built-in fault tolerance with embedded hardware and software security features, including Stratus Automated Uptime Layer with Smart Exchange[™] (AUL - Smart Exchange) software that automatically manages system resources for continuous availability
- ▶ Intelligent, predictive, automated health monitoring and remediation capabilities
- ▶ Fully redundant, modular architecture with hot swappable compute, I/O, storage, and power supply units to maximize uptime

Why choose Stratus ztC Endurance for AI?

- ▶ Deliver real-time insights for AI image classification workloads.
- ▶ Maintain data integrity with seven nines of availability (99.99999%) for AI inferencing and critical applications.
- ▶ Simplify management and serviceability to free up IT staff for further innovation at the edge or in the data center.
- ▶ Consolidate multiple servers and devices onto a single platform, reducing total IT footprint and costs.



Harnessing the power of AI with Stratus ztC Endurance 7100 computing platforms

It's time to put the critical data your organization has amassed to good use. AI solutions can quickly analyze large amounts of data to deliver important insights in real time and help organizations further their business goals. Image classification is a branch of AI that CPU-based inference solutions are primed to handle.

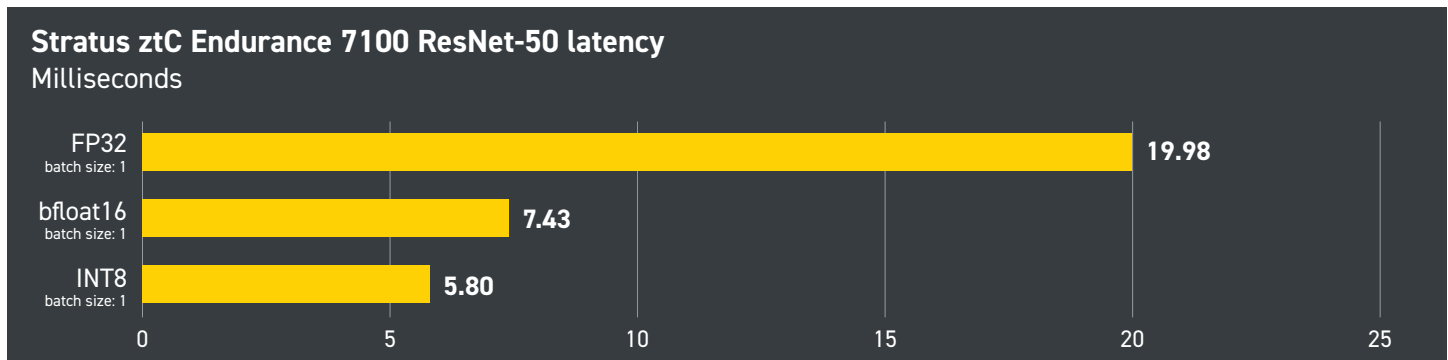
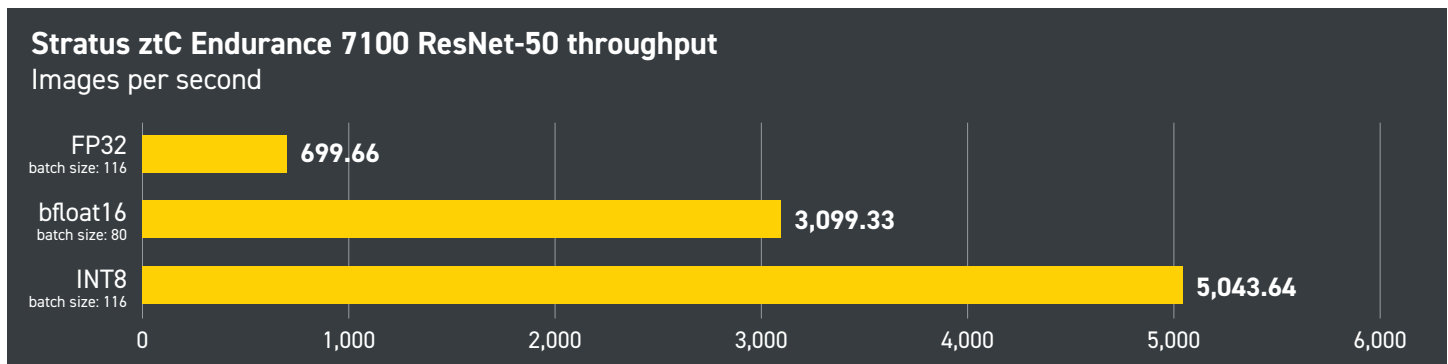
Manufacturers seeking a quick, automated method to weed out subpar products from making it to market, venues using video surveillance with facial recognition to stop unwanted visitors from entering, and online retailers offering suggestions based on previous clicks can all benefit from an AI image classification solution that analyzes image data fast. The Stratus ztC Endurance 7100 provides a proven platform for CPU-based AI inference that offers continuous availability and ensures data integrity for mission-critical applications running at the edge, operations center, and data center.



High throughput + low latency = quick AI insights

A successful AI implementation requires all the standard characteristics of a high-performing modern server infrastructure—offering high availability, manageability, and serviceability—plus the ability to simultaneously deliver new levels of performance for demanding image classification workloads.

A recent study from third party Principled Technologies showcased the strong AI image classification performance of the Stratus ztC Endurance 7100 running a ResNet-50 workload. Across three precision levels to account for the differing accuracy needs of various use cases—for example, medical imaging comparisons require high precision for the greatest accuracy, while retail suggestions can be less exact—the Stratus ztC Endurance 7100 delivered high throughput, processing a large number of images per second to deliver fast insights. Stratus ztC Endurance’s ability to analyze significant amounts of data while offering low latencies, or wait times, delivers high-performance CPU-based AI inference to give organizations quick AI insights from their data.



Look to the future with AI inference on Stratus ztC Endurance 7100

As the high-performance configuration of the innovative Stratus ztC Endurance family of fault-tolerant computing platforms, the Stratus ztC Endurance 7100 can deliver the predictable, protected performance that organizations need to assemble a successful AI inference solution that delivers real-time insights on critical data.



Contact Us

For more information, or to purchase Stratus products, please call 1-800-STRATUS, or visit www.stratus.com.

Third-party Principled Technologies study: <https://facts.pt/KlrWE8h>.