

Key Application Mainframe System

This key application mainframe is designed with a modular architecture and fully redundant technology to guarantee flexible deployment. It ensures the optimal supply of high-performance, highly available, and efficient IT resources.



Overview

High-Performance Mainframe Architecture

This key application mainframe is engineered for high-performance computing and critical enterprise workloads. It features a robust, modular architecture designed for high availability, offering extensive scalability with up to 32 processor modules and massive memory capacity. The system ensures continuous operation through redundant power supplies, hot-swappable components, and advanced error tolerance features, making it an ideal solution for demanding business environments.

Processing & Memory

Processor Configuration

32 modules

Max Processor Modules

8 cores

Max Cores per Module

Memory Capacity	4096 GB
L3 Cache	32 MB

Expansion & Connectivity

PCI-e Expansion Slots

48 slots

Total Slots

16 slots

PCI-e x16

32 slots

PCI-e x8

Reliability & Features

Redundancy & Tolerance

- Power supply redundancy
- Fan redundancy
- Interconnection module redundancy
- Hot-plug module support

Advanced System Features

Memory Mirroring, Hot Standby, MCA Fault Processor, CC-NUMA Optimization, Out-of-band Monitoring

Operating Environment

Temperature Range	5°C to 35°C (long-term); -10°C to 45°C (short-term)
Humidity	5% - 80% (non-condensate)
Noise Level	80 dBA

Service & Support

Standard Warranty	Three-year software and hardware warranty services
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