agámi

agámi® Systems AIS6112 Technical Specifications

AIS6112 – Enterprise-class leading throughput, capacity and total cost of ownership.

The agámi Systems flagship Information Server AIS6112 delivers an industry-leading 1000MB/second streaming read performance and 12TB of raw capacity - all in a single 5U package. The AIS6112 not only sets new benchmarks for performance and capacity, but redefines traditional cost of ownership for enteprise-class network storage. The unprecedented combination of performance, capacity and price of the AIS6112 exceeds market expectations in the most demanding enterprise applications.

SYSTEM HIGHLIGHTS

FILE SYSTEM
agámiFS™ - 64-bit virtual file system

NETWORK PROTOCOLS
NFS v2/v3 over UDP and TCP
CIFS
iSCSI
NDMP v3 with direct access recovery (DAR)

SOFTWARE FEATURES
agámiFSR™- File system replication (synchronous and asynchronous)
agámiHA™- High Availability
Policy-based management with file system provisioning
Integrated RAID-5 with enterprise sparing (RAID-5/ES)
File system SnapShots and Quotas
Fast boot
E-mail alerts
Name server integration with NIS, DNS and Netgroups
CIFS integration with Active Directory® and pre-Windows 2000® domains
Enhanced ACL support for CIFS including mixed-mode
Command line interface (CLI) management tool
Web-based graphical user interface (GUI) management tool
Automated health monitoring and alerting
SNMP MIB and traps
Continuous disk data verification and assurance

HARDWARE FEATURES
Quad AMD® Opteron™ 64-bit with ccNUMA processor technology
HyperTransport™ connection to SATA disk controllers
HyperTransport connection to network interfaces
Hot-swappable enterprise-class SATA disk drives
NVRAM write cache (72 hour battery backup)
Full duplex 10/100/1000 Base-T Ethernet onboard
Diagnostic liquid crystal display (LCD)
Disk status LEDs
Redundant hot-swappable power supplies
Redundant cooling fans
Flash memory

1. Chassis Fans
2. 12 x 1Gb Ethernet Connections
3. Hot Swap Power Supplies
4. Serial and USB Ports

agámi SYSTEM MODULE SPECIFICATIONS

Model
AIS6112

Chassis Form Factor
5 EIAU high – 19" IEC rack-compliant

Maximum disk drives
48 x SATA drives

Disk drive densities
250GB

Disk Controllers
2 x 24-port SATA

Raw Capacities
12TB

Processor
4 x AMD Opteron™ CPU

ECC Memory
12GB

NVRAM
2GB

Network Connectivity
12 x 1 Gigabit Ethernet

agámi SYSTEM MODULE ENVIRONMENTAL SPECIFICATIONS

AC Power
100 to 240VAC, 13A typical / 20A max @ 100VAC
4 internal power supplies (3+1 redundant) with standard power plugs

Thermal Rating
4,600 Btu/hour

Weight
79 lbs. (unpopulated chassis) / 170 lbs. (populated chassis)

Height
8.75"

Width
19" IEC rack-compliant

Depth
33"

Operating Temp & Relative Humidity
10°C to 40°C (50°F to 104°F) < 2100m (< 7000') elevation
20% to 80% relative humidity, noncondensing

Non-operating Temp & Relative Humidity
-20°C to 65°C (-4°F to 149°F)
8% to 95% relative humidity, noncondensing

Min service clearances
30" (front); 30" (rear)

REGULATIONS

Storage Module Safety
UL, CSA

Emissions
FCC Class A