



FIFENINES - FAULT-TOLERANT FOR THE MASSES



FifeNines is your best strategy to archive fault-tolerant and high-availability service - without breaking your budget.

Build from highly reliable hardware and matched with finely tuned open-source software, FifeNines deliver unparalleled performance for end-to-end fault-tolerant solution, and with significantly enhance capital and operational efficiency.

FifeNines platform is designed to deliver fault-tolerant container for:

- Mission-critical database system.
- Public-facing web server which cannot afford any downtime.
- Critical application server that demand the best performance without sacrificing reliability and availability.
- Legacy system that is not originally designed to support high-availability.

FIFENINES - THERE'S ONE THAT FIT YOUR NEEDS, AND BUDGET



FifeNines is available in several model suitable for wide variety of configuration. Available models are:

FifeNines FS - Suitable for small-scale deployment of between 1 - 2 applications

FifeNines FM - Suitable for medium-scale deployment of between 4 - 10 applications

FifeNines FX - For the most extreme requirements.

FifeNines comes with two hot-pluggable system (nodes) in a 2U form factor.

Common features for each node:

✓ Up to two Intel Xeon® processor 5600/5500 series

✓ Up to 192GB DDR3 RDIMM RAM

✓ Dual integrated Intel® 82574L Gigabit Ethernet Controller

✓ Mellanox ConnectX QDR Infiniband 40Gbps Controller with QSFP connector

✓ IPMI 2.0 controller with dedicated port

MODEL AND SPECIFICATIONS			
SPECIFICATIONS	FIFENINES FS	FIFENINES FM	FIFENINES FX
Processor Power	1 x Intel® Xeon E5620 for each node. Total of 8 processing core per system.	2 x Intel® Xeon E5620 for each node. Total of 16 processing core per system.	2 x Intel® Xeon X5690 for each node. Total of 24 processing core per system.
Memory	12 GB per node, 24 GB total per system.	24 GB per node, 48 GB total per system.	96 GB per node, 192 GB total per system.
Primary Storage Size	4 TB raw per node. 2 TB usable in RAID-10 configuration per node. Total 4 TB usable per system.	6 TB raw per node. 3 TB usable in RAID-10 configuration per node. Total 4 TB usable per system.	12 TB raw per node. 6 TB usable in RAID-10 configuration per node. Total 12 TB usable per system.
Number of application instances that can be managed	1 - 2 application instances per system.	4 - 10 application instances per system.	15 - 20 application instances per system.
Stacking - Enable you to scale FifeNines to support additional load.	Not available.	Up to 4 system stacking.	Up to 12 system stacking.
Typical Deployment Scenario	Fault-tolerant web application server.	Fault-tolerant mid-size database.	Fault-tolerant big and mission critical database.
Tested applications	Web server - Apache, nginx, Microsoft IIS. Web application server - JBoss, WebLogic, GlassFish, Geronimo, WebSphere, Resin, JEUS, NetWeaver, ColdFusion, .NET, Ruby on Rails, Django, Zope Database - MySQL, CouchDB, PostgreSQL, Oracle, Microsoft SQL Server.		

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