

# RS-6388 (2U, 1-Socket Rack Server)

2U, 1-Socket Rack Server with High Performance Storage Flexibility and Compute Power



## Overview

RS-6388 Server provides a high performance and storage capacity for future growth in a 2RU form factor. Benefit from platform flexibility and maximize performance with Intel® Xeon® processors for enterprise customer. It supports 2 ECC DDR4 DIMMs with 32GB of memory capacity. Utilizing the Intel® PCHLynx point C232 series chipset, it is well suited for ERP (Enterprise Resource Planning) and mail service. With RAS (Reliability, Availability, Serviceability) features and the system is also an excellent choice for cloud storage and SMB solution.

## Key Features

- Powerful Performance and Scalability
- Ideal Workloads: Enterprise Resource Planning, Mail Service and Scalable Storage infrastructure for SMB.
- Controller Architecture
- Modular and Cable-free Design
- JBOD Cascading

## Specification

### RS-6388 (2U, 1-Socket Rack Server)

MCPU Type	Intel® Xeon® Processor E3-1200 v5
Memory Capacity	32GB
Drives	8TB, 2x 3.5" SATA 3.0
Form Factor	2U rack server
CPU	Intel® Xeon® Processor E3-1200 v5/v6 series Intel® 6th/7th Generation Core i3/i5/i7 series
Memory	Up to 64GB ECC DDR4-1600/1866/2133 UDIMM
DIMM Slot Quantity	4x 288pin DDR4 DIMM slots
Drive Bays	Support 8x 3.5" (2.5" compatible) SAS 3.0/ SATA 3.0 HDDs
Chipset	Intel® PCH Lynx point C232 chipset
PCIe Devices Expansion	Support 2x PCIe x8 swap SATA Drives
Build-in RAID	Intel® RSTe Support software RAID 0, 1, 5 & 10 (for Windows only)
BMC	Aspeed AST2400
IPMI	1x Share-able IPMI Management GbE Port Default with one PMC8068 or LSI 3008 Mezzanine SAS Card
Network	4x Intel® i210-AT 1GbE LAN controller
USB	2x USB 3.0 on Rear and 2x Internal USB 3.0 ports
M.2	Support 1x PCI-e M.2 SSD or SATA M.2 SSD, 2242/2280
Warranty	3 Years
PSU Module	Two 1+1 CRPS 550W 80+ Platinum Redundant PSU Modules
PSU Input/Output	AC Input: 100-240V 47Hz~63Hz; DC Output: +12V_SB, +12V

## Specification

### RS-6388 (2U, 1-Socket Rack Server)

Fan Quantity Up to 4x 8038, support PWM smart fan control

Fan Speed Maximum 6800RPM

Operating System Support  
 Windows Server 2008 R2 (64bit)  
 Windows SBS 2011 (64bit)  
 Windows Server 2012/2012 R2 (64bit)  
 Redhat Enterprise Linux Server (32bit/64bit)  
 Suse Enterprise Linux Server (32bit/64bit)  
 Ubuntu Server (32bit/64bit)

Virtualization System Support  
 VMWare ESXi (Target)  
 Microsoft Hyper-V (Target)  
 Citrix Xen Server (Target)  
 Linux Kernel Virtual Machine (Target)

Dimension (H x W x D) **3.46" x 17.63" x 19.68"** (88 x 448 x 500mm)

Humidity OP: 35% to 80%; NON-OP: 20% to 90%

Temperature OP: 10°C to 35°C; NON-OP: -40°C to 70°C

## Features

Functionality	Description
<p><b>Powerful Performance &amp; Scalability</b></p>	<p>Supports Intel® Xeon® processor E3-1200 v5/ v6 system processor, compatible with i3, i5, i7, Pentium, Celeron, LGA1151 and other processors. On the storage, the system supports SAS/SATA 3.5-inch/ 2.5-inch hard drives.</p> <p>The controller module supports two PCI-E x8 expansion slots and two 2.5-inch SATA hot-swap hard disk drives (2U 8 bays/12 bays).</p> <p>The expansion card slot can support various expansion devices such as 10GbE network card and low power GPU.</p>
<p><b>Controller Architecture</b></p>	<p>The RS-6388 integrates the mainboard and system disk into one controller module, and through the high-speed signal connector, the hot-swappable structure is formed with the backplane, which brings the users more convenient maintenance conditions.</p>
<p><b>Modular and Cable-free Design</b></p>	<p>The RS-6388 realizes cable-free design and enhances the heat dissipation capability of the system, which not only extends the service life of the fan but also reduces the operating noise of the system to less than 50 decibels.</p> <p>The controller, fan, power supply and hard disk are fully modularized; replacing the cable with a PCB board greatly improves system reliability and heat dissipation.</p> <p>All hard disks support sequential power-on, which greatly reduces the startup power consumption of the whole machine.</p>
<p><b>JBOD Cascading</b></p>	<p>With the re-driver technology, the JBOD can be cascaded in 4 layers to achieve massive expansion. The host system can directly manage the operating status of JBOD at all levels.</p>

## Service

RS-6388 server comes with a 3-year limited warranty, and it supports free return within 30 days from the day you receive your goods. For more information, please check at [https://www.fs.com/policies/day\\_return\\_policy.html](https://www.fs.com/policies/day_return_policy.html).



 <https://www.fs.com>



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