



Supermicro 12Gbps 2U Rackmount Server

2U rackmount server

Intel® Xeon® E5-2600 v3 processor

Up to 1TB DDR4 2133MHz ECC REG memory

12x 3.5" SAS3/SATA3 HDD bays with SES2

Combining performance with a space-efficient rackmount design, the Supermicro i2055R2 2U rackmount server is the perfect solution for IT professionals who require high I/O pass through, high performance and reduced energy in high-density cloud infrastructures, data storage, application and data serving markets. Configured with the Intel® Xeon® E5-2600 v3 series processor and featuring DDR4 2133MHz ECC REG memory, enterprise-class SAS3/SATA3 (SAS3 via LSI discrete controllers) hard drives and choice of 2x/4x 1G or 10G NIC ports (on-board), this latest rackmount server provides IT professionals with the reliability, performance and cost savings they expect.

Features

Intel® Xeon® Processors

The latest Intel Xeon E5-2600 v3 processor family delivers a significant increase in workload performance, scalability and reliability needed for an ever-changing server environment.

DDR4 2133MHz ECC REG Memory

By correcting 99.9% of memory errors that may occur, ECC REG memory ensures data safety and keeps systems running. Additionally, DDR4 memory features up to 50% increase in both bandwidth and power efficiency.

SAS3/SATA3 Storage

Enterprise SAS3/SATA3 storage provides high capacities and I/O's required for storage demanding applications and are designed for 24x7 environments.



Specification Highlights

Processor

Intel® Xeon® E5-2600 v3 series

Chipset

Intel C612 Chipset

Memory

Up to 1TB ECC DDR4, up to 2133MHz 16x DIMM sockets

Form Factor

2U Rackmount

Storage

12x 3.5" SAS3/SATA3 HDD bays with SES2

Power Supply

920W redundant power supplies

Connectivity

Intel i350 1G or Intel X540 10G

Contact Information

Equus Computer Systems • www.EquusCS.com • 866-378-8727



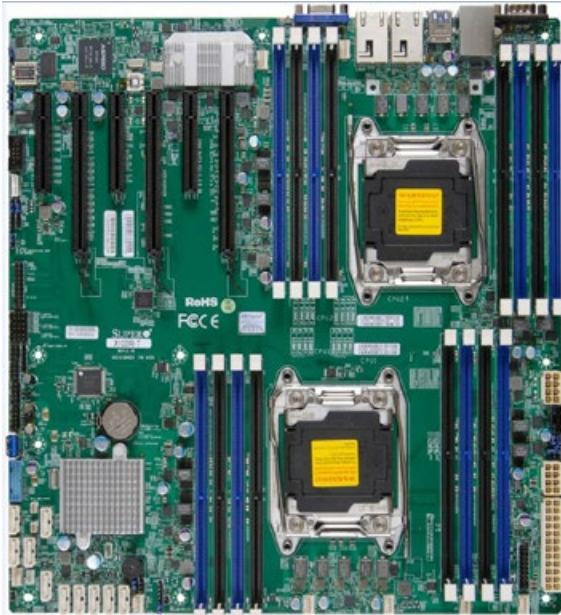
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**E5-2600 v3
Server Motherboard**

I2055R2 SPECIFICATIONS

Form Factor	2U chassis support for max. motherboard size - 13.68" x 13" and EATX *Support up to E-ATX 12"x13" MB with rear 2.5" HDD option installed
Processor Support	Supports dual Intel® Xeon® E5-2600 v3 processors
Dimensions	Width: 17.2" (437 mm) Height: 3.5" (89 mm) Depth: 25.5" (648 mm) Gross weight: 52 lbs. (23.6 kg) Available Colors: Black
Expansion Slots	6x low profile full length expansion slots
Drive Bays	Hot swap: 12x 3.5" Hot-swap SAS3/SATA drive trays and optional 2x 2.5" Hot-swap SATA3 drive bays for OS mirroring
Backplane	Choice of SAS3 single port or dual port expander backplane features: up to 12Gbps support In-band SES-2 Enclosure Management Support SAS3/SATA3 support mini-SAS HD connectors scalability through cascading
Front Panel	Buttons: Power On/Off button System Reset button
System Cooling	3x 80mm 7K RPM Chassis middle fan w/ housing
System Monitoring	Chassis intrusion switch
Operating Environment (System)	Operating temperature range: 10°C to 35°C (50°F to 95°F) Non-operating temperature range: -40°C to 60°C (-40°F to 140°F) Humidity range: 8% to 90% (non-condensing) Non-operating humidity range: 5% to 95% (non-condensing)
Power Supply with Power Distributor	920W high-efficiency (94%+) power supply with PMBus AC Input: 100-240 V, 50-60 Hz, 11-4.4 Amp DC Output: 4 Amp @ +5V standby 75 Amp @ +12V With Power Distributor: +5V: 45 Amp +3.3V: 24 Amp -12V: 0.6 Amp
Regulatory (Power Supply)	Power Supply Safety / EMC: USA - UL listed Canada - CUL listed Germany - TUV Certified EN 60950/IEC 60950-Compliant CB Report CCC Certification