

Storage Area Network (S.A.N)

EV-846BE24-R920B

Key Features

1. Dual socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and **E5-2600 v2** family
2. Up to 1TB ECC DDR3, up to 1866MHz; 16x DIMM sockets
3. 5x PCI-E 3.0 x8 slots (FHHL)
4. Intel® i350 GbE Controller; 4x ports
5. 24x Hot-swap 3.5" SAS2/SATA3 & 2x rear 2.5" Hot-swap HDD Bays (opt)
6. Onboard LSI 2308 IT mode
7. Dual JBOD expansion ports
8. Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
9. 3x Heavy duty PWM fans
10. 920W Redundant Power Supplies



Platinum Level (94%)

Specification:

Model	EV-846BE24-R920B
CPU	
	Dual Socket R (LGA 2011) Intel® Xeon® processor E5-2600 and E5-2600 v2 family† (up to 130W TDP)
	Note † BIOS version 3.0 or above is required Cache Up to 30MB System Bus QPI up to 8 GT/s
Memory Capacity	
	16x 240-pin DDR3 DIMM sockets Up to 1TB DDR3 ECC LRDIMM Up to 512GB DDR3 ECC Registered memory (RDIMM) Up to 128GB DDR3 ECC Un-Buffered memory (UDIMM Memory)
Type	1866/1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	32GB, 16GB, 8GB, 4GB, 2GB, 1GB
Memory Voltage	1.5 V, 1.35 V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
Chipset	Intel® C602J Chipset
SATA	
	SATA 2.0 3Gbps with RAID 0, 1, 5, 6, 10 SATA 3.0 6Gbps with RAID 0, 1, 5, 6, 10
SAS	
	SAS2 via LSI 2308; IT Mode/Pass-through
IPMI	
	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over LAN support Nuvoton WPCM450 BMC
Network Controllers	
	Intel® i350 Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201N PHY (dedicated IPMI)
Serial ATA	2x SATA 3.0 ports (6Gbps) 4x SATA 2.0 ports (3Gbps)
Form Factor	4U Rackmount
Width	17.2" (437mm)
	Height 7" (178mm)
Depth	26" (660mm)
	Weight Net Weight: 55 lbs (24.9 kg) Gross Weight: 92 lbs (41.7 kg)
Available Colors	Black
BIOS Type	128Mb SPI Flash EEPROM with AMI BIOS