

RUGGED SERVER

19" Rackmount Rugged Server supporting 4th Generation Intel Core i7/i5/i3 processors.



Features

- Supports LGA 1150 Intel® 4th Generation Core i7/i5/i3 processors.
- One PCIe x16 link, One PCIe x4, One PCIe x1 & Four PCI slots.
- Four DIMM sockets support up to 32 GB DDR3 1333/1600.
- Rackmount optimized placement with positive air flow design.
- Supports Intel vPro, iAMT 9.0 & TPM technologies
- Supports 400/300 W ATX PFC PS/2 power supply and ATX Redundant power supplies.
- Designed to withstand environmental extremes, such as shock, vibration and high temperature.
- Front LEDs indicate power status, and HDD activity.

Specifications

Processor System	CPU	i7-	i7-	i7-	i7-	
	Speed	4790S	4790T	4770S	4770TE	
	L3 Cache	3.2GHz	2.7GHz	3.1GHz	2.3GHz	
	Socket	8MB	8MB	8MB	8MB	
	Chipset	LGA1150				
	BIOS	Q87				
Expansion Slot	PCI	AMI 128 Mbit SPI				
	PCIe x 1 (Gen2)	32-bit/33 MHz, 4 slots				
	PCIe x 4 (Gen2)	500 MB/s per direction, 1 slot				
	PCIe x16 (Gen3)	2.0 GB/s per direction, 1 slot				
Memory	Technology	16 GB/s per direction, 1 slot				
	Max. Capacity	Dual Channel DDR3 1333/1600				
	Socket	32 GB				
Graphics	Controller	4 x 240-pin DIMM				
	VRAM	Intel HD Graphics (Depends on processor)				
Ethernet	Interface	1 GB maximum shared memory with 2 GB and above system memory installed				
	Controller	10/100/1000 Mbps				
	Connector	GbE LAN1: Intel I217LM, GbE LAN2: Intel I211AT				
SATA	Max Data Transfer Rate	RJ-45 x 2				
	Channel	600 MB/s				
Rear I/O	VGA	6				
	DVI	1				
	Ethernet	1				
	USB	2 (GbE)				
	Serial	4 (Two USB 3.0)				
	PS/2	2 (RS-232)				
Watchdog Timer	Output	2 (1 x keyboard and 1 x mouse)				
	Interval	System reset				
Power Requirement	Power On	Programmable 1 ~ 255 sec				
		Intel Core i7-4790S processor; DDR3 8GB x4				
		3.3V	5V	12V	5VSB	-12V
Environment		1.060	1.554	4.922	0.048	0.044
	Temperature	Operating -10 to 55 degrees C				
Certifications	Under Testing for MIL-STD-461E & JS55555					