

## Key Features

1. Dual Intel® 5500 series Xeon® Quad/Dual-Core, with QPI up to 6.4 GT/s
2. Up to 144GB DDR3 1333/ 1066/ 800MHz ECC Registered DIMM / 24GB Unbuffered DIMM
3. Left Slot (Full-height / Full-length): 1 (x16) PCI-E 2.0 + 1 UIO
4. Right Slot (Low-Profile): 2 Gigabit LAN optional (AOC-PG-i2+)
5. Intel® 82576 Dual-Port Gigabit Ethernet Controller
6. 8 x 2.5" Hot-swap Drive Bays
7. 560W High-efficiency Redundant Power Supply



### Processor / Cache

Processor	Dual Intel® 5500 series Xeon® Quad/Dual-Core Processors
System Bus / QPI	with QPI up to 6.4 GT/s

### Key Application

HPC Cluster Computer Nodes, Data Center, Data Farm

### Chipset / Serverboard

Intel® 5520 (Tylersburg) chipset

### System Memory

Memory Capacity	Supports up to 144GB 1333/1066/800MHz DDR3 ECC Registered memory
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### Expansion Slot

Left Slot: 1 Universal I/O (UIO) Slot AND 1 (x16) PCI-E 2.0 slot  
 Right Slot: Optional 3rd & 4th Gigabit LAN port

### Integrated On-Board

SAS / SATA	Intel ICH10R SATA 3.0Gbps Controller. Supports RAID 0,1,5,10
LAN	Intel® 82576 Dual-Port Gigabit Ethernet Controller. Support for IPMI v2.0
Graphics	Matrox G200eW 8MB DDR2

### RAID Card

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### Add-on Card

Riser Card

### Drive Bays

HDD Drive	Supports 8x 2.5" Hot-swap SAS/SATA drives (w/optional UIO SAS Controller Card)
Peripheral Drive	1x Slim 8x DVD, 24x CD, DVD-ROM drive

### Power Supply

560W AC to DC power supply w/ PFC I2C

### Cooling System

Fans : 4x Cooling Fans; Shroud : 1x Air Shroud

### Form Factor

#### 1U Rackmount

W x H x D	17.2" (437mm) x 1.7" (43mm) x 23.5" (597mm)
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