

# R4203

## 4U Depth Server



The Raptor-R4203 is one of the most versatile 4U servers in our 4U product line. The system includes seven rear I/O slots for feature cards and the ability to use multiple hot swap of fixed mount drives. The chassis is designed for standard 19 inch rack mounting with a height of four rack-units and a depth of 20 inches. The RAPTOR-R4203 server can always be custom configured to meet specific program requirements.



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4U Depth Server

## PHYSICAL DIMENSIONS

7 (H) x 19 (W) x 20.1 (D)  
(177 mm x 483 mm x 510 mm)

## WEIGHT

45 lbs (20.41 kg) fully configured

## POWER SUPPLY

Input 100 to 240 VAC, 50/60Hz auto switching  
Output Power 600W  
(Redundant Options Available)

## COOLING FANS

2 x 120mm (108 CFM ea.) Front Mount  
One fan mounted in power supply

## MOTHERBOARD FORM FACTOR

ATX 12.00 inches by 9.60 inches  
(304.80 millimeters by 243.84 millimeters)

## CPU

2.93GHz Intel Core i7 Processor  
CHIPSET  
Intel H57 Express

## MULTI-CORE SUPPORT

Quad-Core (4)

## MEMORY

4GB DDR3 SDRAM (up to 16GB)

## VIDEO

Intel® HD Graphics  
DVI-I and HDMI ports  
(PCIe x16 Add-in Video Cards Available)

## ETHERNET

10/100/1000BaseT Intel® 82578DC Gigabit Ethernet Controller

## RAID

Levels 0, 1, 10, 5

## FRONT I/O SWITCHES

Power On/Off and System Reset

## LED INDICATORS

Power On, Hard Disk Activity, Ethernet

## USB

6 (Back) 2 (FP Header optional)

## REAR I/O

USB- Six USB 2.0 Type A connectors  
Video- One DVI-I D-sub connector  
Video- One HDMI D-sub connector  
Storage- One eSATA 7pin external connector  
Audio- Two 2.5mm stereo connectors  
Ethernet- One RJ45 connector, with status indicators  
(Additional I/O can be added to system)

## DRIVE BAYS

3- 5¼ inch external  
1- 3½ inch external

## SLOTS

PCI slots- 1  
PCI Express 2.0 x16- 1  
PCI Express 2.0 x1- 2

## MASS STORAGE

Hard Disk Drive- QTY 2, 1TB SATA  
DVD/RW Drive- QTY 1 SATA  
Floppy Drive (Optional)

## SLIDE RAILS

20 Ball Bearing Slides (extend out to 26)

## ENVIRONMENT

Operating Temperature 10° C to 45° C  
Non-operating Temperature -25° C to 70° C

## HUMIDITY

Operating Up to 93% C at 40° C non condensing  
Non-operating 97% at 25° C to 93% at 40° C non condensing

## SHOCK

1g, 11ms 10g 6-10ms

## VIBRATION

0.2g, 5-500 Hz -2g, 10-150 Hz

