



Server Hardware

Tech Sheet

The Multitone i-Message system has been designed to ensure service continuity, should one or more of the servers fail within a cluster. With each server acting as a mirror image of the other.

Each cluster will support up to four servers - the primary server, secondary server and up to two back-up servers. Servers can be co-located in a single rack, or they can be distributed across different locations, provided that they reside on the same IP subnet.

Server options and network switch

There are two PC server option both using Windows Server 2012R2.

IM-SV-1 - Server

It is recommended that the IM-SV1 server is adopted as the standard Multitone i-Message configuration with at least two servers. Each server comprises a single disk drive, which is non RAID.

IM-SV-3 - Server

This server configuration is recommended when higher levels of redundancy and failover are required. Offering dual hard disks in RAID format, with dual power supply.

Technical Specification

IM-SV-1 - Server PC

- 19" Rack Chassis (1U height)
- Windows 2012R2 Server Embedded Telecoms Edition
- CPU - Intel Xeon E3-1220 v6 running at 3GHz Base, 3.5GHz Turbo
- RAM - 2 x 8GB (16GB) DDR4 @ 2400MHz
- HDD - 2 x 1TB 7200RPM Sata 6Gbps Interface
- Network Interface Card - 2 x BCM5720 GbE NIC's

• Connectivity/Ports:

1 x Front VGA Port

1 x Rear VGA Port

1 x 9 Pin RS232 Com Port

2 x Front USB 2.0 Ports

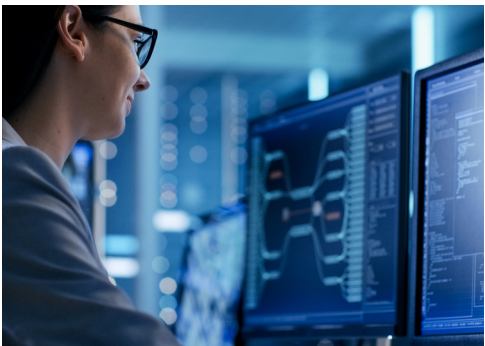
2 x Rear USB 3.0 Ports

1 x 250W PSU

2 x PCIe expansion port on motherboard

IM-SV-3 - Server PC (RAID)

- 19" Rack Chassis (1U Height, 800mm Depth)
- Windows 2012R2
- Intel Xeon E5-2420 v2 Processor (2.2GHz, 15MB Cache, 7.2GT/s GPI, 6C. 80W DDR3-1600MHz)
- 16GB Memory 1600MHz, Low Volt, Single Rank, x4 Data Width
- RAID Configuration - RAID1 for H310/H710 2 SAS/SATA/SSD
- RAID Controller - PERC H310 RAID Controller
- 2 x 1TB SATA 7.2k 3.5" Hard Drive (Hot Plug)
- 2 x DVD+/-, SATA, International for 4HDD Chassis
- Windows Server 2012 Embedded OS installed 2 x Hot Plug Power Supplies 350
- 2 x Rack Power Cord C13 to C14 PDU Style, 2M6.5Ft



Multitone Electronics Plc
Multitone House
Shortwood Copse Lane
Basingstoke
Hampshire RG23 7NL, UK
+44 (0)1256 320292 (telephone)
+44 (0)1256 462 643 (fax)
info@multitone.com
www.multitone.com

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