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Supermicro SD / HD Broadcast PC Specification

The following are the part numbers for the system components as provided by Amari UK in October 2011. There is no chassis in this list – your Supermicro dealer can discuss chassis options. Different chassis may require different cooling than specified below.

Higher speed CPU's and larger capacity (15,000 rpm SAS disks) are both supported.

There is no consistency across Supermicro system builders, so RTSW is unable to guarantee compatibility and requests instead that you work closely with us to confirm a specification that is right for the end user client.

SuperMicro Components:

Qty	Description
1	Supermicro X8DAL-i Rev 2.0 Dual Xeon™ 55/56 series Workstation Motherboard
2	Intel Xeon® X5650 Processor, 2.66GHz (Six-Core/12 thread SMT) 2.66GHz Six-Core processor for Dual socket systems, 0.32nm technology
1	Intel STS100C - Xeon W55xx LGA1366 130Watt CPU Coolers (PAIR)
6	1GB DDR3-1333 ECC Registered SDRAM Module (Supermicro Qualified for Xeon 56/5500 series (LGA 1366) Motherboards
2	Fujitsu 147GB 15K SAS Hard Drive (Model No. MBA3147RC)
1	LSI SAS3041e-R 4-Port Low Profile SAS 3Gb/s PCIe Host Adapter
1	Sony NEC Optiarc Multi-Format DVD Writer (SATA)
1	ARX 3HDDKIT for mounting up to 3 x 3.5" HDD's, 1 x 8cm Fan (Will fit in any 2 x 5.25" drive bays)
1	Supermicro CBL-0097L-02 (SFF-8087 to SAS with sideband signalling) 45cm. Suitable to connect to Supermicro SAS backplanes with discreet SAS ports

Operating System

Microsoft – Windows 7 Professional 64-bit,

or RedHat Enterprise level 5.5 64 bit

3rd party GPU and Video Boards

SD gpu – nVidia 4000 (optional nVidia SDI2 output daughter board)

HD gpu – nVidia 5000 (optional nVidia SDI2 output daughter board)

SD/HD Video board – DVS Atomix "LT Bundle" (order from RTSW)

Multiple Input Video boards – Upgrade DVS atomix to dual input (2 in), replace DVS with nVidia Quad input board.

To use tOG-Edit a minimum of a 1600 x 1200 screen is required and 1920 x 1200 is recommended.

There are additional options, and hardware specifications often change – always call to discuss.