

A+ Server 1011M-T2 / 1011M-T2B

A+ Products

Systems

1U

[1011M-T2 / 1011M-T2B]



Available Colors:

Black

Beige

- Drivers & Utilities

BIOS

Tested Memory List

Manuals

Key Features

1. Single Quad-Core/Dual-Core AMD® Opteron™ 1000 Series (Socket AM2) support, 1000MHz HyperTransport Link

2. Up to 8GB DDR2 800/667/533 SDRAM

3. 1 x PCI-E x16 Full-height / Half-length Slot

4. Dual-port Gigabit LAN/Ethernet Controller

5. 2 x Hot-sw ap SATA Drive Bays

6. 260W Pow er Supply

Specifications

Product SKUs	
AS-1011M-T2	A+ Server 1011M-T2 (Beige)
AS-1011M-T2B	A+ Server 1011M-T2B (Black)
Motherboard	
Super H8SMi-2	
Processor/Chipset	
CPU	- Single 940-pin ZIF Socket - Supports one Qual-Core/Dual-Core AMD Opteron™ 1000 Series (Socket AM2) processor 4 phase VRM
System Bus	1000MHz HyperTransport
Chipset	nVidia MCP55 Pro
System Memory	
Memory Capacity	- Four 240-pin DIMM sockets - Supports up to 8 GB DDR2 800/667/533 MHz memory - Single or Dual (recommended) channel memory
Memory Type	DDR2 800/667/533MHz un-buffered ECC / non-ECC SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	256 MB, 512 MB, 1GB, 2GB
Memory Voltage	1.8V only
On-Board Devices	
SATA	- nVidia MCP55 Pro SATA2 3.0Gbps Controller 6 SATA Ports - nVidia RAID 2.0 - SATA RAID 0, 1 Support
IDE	- Supports UDMA Mode 5 - Supports PIO Mode 4 - Supports ATA/100/133
IPMI	- Intelligent Platform Management Interface v.2.0 1U: (Optional: AOC-SIM1U(+), R3.00) - RMM (Remote Management Module) (Card not included)
Network Controllers	- nVidia MCP55 Pro Chipset Dual-port LAN / Ethernet Controller - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
VGA	ATI ES1000 graphics controller
Super I/O	Winbond 83627HF
Expansion Slots	
PCI-Express	1 x16 PCI-e slot
Input / Output	
SATA	Up to six SATA2 devices
IDE	- Single ATA 133/100 EIDE channels support up to two UDMA IDE devices - Supports UDMA Mode 5 - Supports ATA133/100
Floppy	1 Floppy port 1.44 MB
LAN	2 RJ45 LAN ports
USB	2 USB Rear Ports 4 USB Internal Headers 6 Total USB 2.0 Compliant, 1.1 Compatible
VGA	1 VGA port
Keyboard / Mouse	PS/2 keyboard and mouse ports
Serial Ports	1 Fast UART 16550 serial ports 1 Header
Parallel Port	1 ECP / EPP parallel port
Chassis	
Form Factor	1U Rackmount
Model	SC811FT-260
Dimensions	
Height	1.7" (43mm)
Width	16.8" (426.7mm)
Depth	22.6" (574mm)
Gross Weight	35 lbs (15.9kg)
Available Colors	Beige, Black
Front Panel	
Buttons	- Power On/Off button - System Reset button
LEDs	- Power LED - Hard drive activity LED 2x Network activity LEDs - System Overheat / Fan Fail LED
Ports	none
Drive Bays	
Hot-swap	2 x 3.5" SATA Hot-sw ap drive bays
Peripheral Drives	
Floppy	3.5" 1.44MB Floppy Drive
CD-ROM	Slim 24x CD-ROM drive
Backplane	
1x 1U SAS / ATA backplane	
System Cooling	
Fans	2x 4cm counter-rotating fans
Air Shroud	1x Air duct
Power Supply	
Thermal control 260W AC power supply with PFC [24-pin, 4-pin=12V , (2) 4-pin]	
AC Voltage	100 - 240V , 60-50Hz, 4 Amp Max
DC Output	5V + 3.3V ? 140W
+5V	25.0 Amp
+5V standby	2.0 Amp
+12V	18.0 Amp
-12V	1.0 Amp
+3.3V	15.0 Amp
PC Health Monitoring	
CPU	- Monitors CPU Core Voltages, +3.3V, +5V, +12V, 5V Standby, VBAT - Monitor for HyperTransport voltage 1.2V, DDR termination 1.25V - CPU 4-phase Switching Voltage Regulator
FAN	- Total up to five 3-pin fan headers 5 Fan Status Tachometer monitoring - Status Monitor for Speed Control
Temperature	- Monitoring for CPU and chassis environment - CPU Thermal Trip support °C temperature sensing logic
LED	- CPU / Overheat LED - Suspend-state indicator LED +5V Standby Alert LED
Other Features	- Chassis Intrusion Header - Chassis Intrusion Detection - Chipkill Support
System BIOS	
BIOS Type	4Mb Flash EEPROM with AM® BIOS
BIOS Features	- Plug and Play (PnP) - DMI 2.3 - PCI 2.2 - ACPI 2.0 - BIOS Rescue Hot Keys - SMBIOS 2.3 - USB Keyboard support - Hardware BIOS Virus Protection

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-H8SMi-2-O	1	Super H8SMi-2 Motherboard
	CSE-811FT-260(B)	1	1U SC811FT-260 Chassis (B = Black)
Cable(s)	CBL-0051L	2	60cm Round Floppy Cable
	CBL-0052L	1	260cm Round IDE Cable
	CBL-0061L	1	35cm SATA LED Cable
	CBL-0157L	1	8-pin to 8-pin Ribbon Cable For SGPIO
	CBL-0160L	1	Power Cord
Fan(s)	FAN-0087	2	11K RPM counter-rotating fans
Hard Drive	CSE-PT10(B)	2	3.5" Hard Drive Trays
	CSE-SAS-810TQ	1	1U SAS / SATA Backplane
Heatsink / Retention	SNK-P0026	1	Please refer to our Thermal Components Matrix
Mounting Rails	CSE-PT8	1	1U Mounting Rail Kit
Peripheral Drives	FPD-SONY-FB (Sony) or FPD-PNSC-01 (Panasonic)	1	Black 3.5" 1.44MB Floppy Drive
	CDM-TEAC-24(B)	1	Slim 24x TEAC CD-ROM Drive (B = Black)
Power Supply	PWS-0055	1	SP262-1S 1U 260W Power Supply
Riser Card	CSE-RR1U-E16	1	1U 1-Slot PCI-E x16 Riser Card - Left Side (Rev 3.2)
Air Shroud	MCP-310-00028-01	1	Internal Air Shroud

Optional Parts List			
	Part Number	Qty	Description
IPMI	AOC-SIM1U(+)	-	IPMI 2.0 With Virtual Media Over LAN & Dedicated LAN
	AOC-SIMLC(+)	-	IPMI 2.0 With Virtual Media Over LAN