

### AMD® Opteron™ HDAMB / NV300 Series Mainstream Workstation Board

			
Model	HDAMB Rev.D	HDAMB-F Rev.D	NV300
CPU	Dual AMD Opteron 200 series	Dual AMD Opteron 200 series	Dual AMD Opteron 200 series (4 Phase)
FSB	1600MT/s	1600MT/s	2000MT/s
Chipset	AMD 8151 + AMD 8111	AMD 8151 + AMD 8111	NVIDIA nForce Professional 2200 + AMD 8131
Form Factor	ATX 12" x 9.6"	ATX 12" x 9.6"	ATX 12" x 10"
Memory Slot	4	4	8 (4 Ranks)
Memory	8GB, ECC Reg. DDR400 SDRAM (Chipkill)	8GB, ECC Reg. DDR400 SDRAM (Chipkill)	32GB, ECC Reg. DDR400 SDRAM (Chipkill)
BIOS	Phoenix 4Mb BIOS	Phoenix 4Mb BIOS	Phoenix 4Mb BIOS
Networking	Single Broadcom 5705 Gigabit Ethernet controller	Single Broadcom 5705 Gigabit Ethernet controller	Single Marvell 88E8053 PCI-E Gigabit Ethernet controller
Video	AGP Pro 8X slot	AGP Pro 8X slot	1 x PCI-E x16 slot
Expansion Slots	5 x PCI up to 33MHz	5 x PCI up to 33MHz	2 x PCI-X up to 133MHz 1 x PCI up to 33MHz
SATA / SATA2	N/A	Promise PDC20378 2 SATA and 1 Parallel ports RAID 0, 1, 10	4 ports SATA2 from NVIDIA nForce Professional 2200
IDE	ATA133 up to 4 devices	ATA133 up to 4 devices	ATA133 up to 4 devices
USB	2R, 2F	2R, 2F	2R, 2F
IEEE1394	N/A	1R, 1F	N/A
Audio	Realtec ALC650, 6ch	Realtec ALC650, 6ch	Realtec ALC650, 6ch
Server Management / Hardware Monitor	Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V Standby	Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V Standby	Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V Standby

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Dealer Stamp

