

April 17<sup>th</sup>, 2009



## Technical Specifications

Model	firmCHANNEL SP100
Housing Material:	SECC t=0.8mm
Dimension:	166(W) x 48(H) x 157(D)mm 6.54(W) x 1.89(H) x 6.18(D)inch
Volume:	1.25L
Weight(Kg/Pound) :	1.22kg / 2.68 pound (N.W.)
CPU:	Socket P Support Intel Core 2 Duo and Celeron CPU (Santa Rosa & Santa Rosa Refresh) FSB 533/800MHz
Chipset:	Intel GM965+ICH8M Chipset
Memory:	Dual Channel Mode 200-pin DDRII SO-DIMM x 2 DDRII 533/667 Max memory size : 4GB* Note : * Max hardware structure. System will not detected to 4GB due to chipset limitation.
Graphics:	Integrated VGA Engine in GM965 chipset (Intel GMA X3100) HDMI Port x 1, D-Sub VGA Port x 2
Expansion Slot:	mini Card Slot x 1
Audio:	Realtek ALC662 HD Audio CODEC on-board Stereo / 5.1 CH with HDMI
LAN:	Integrated Realtek Gigabit Ethernet Controller
USB:	Integrated in chipset USB 2.0 Port x 4 (2 Rear, 2 Front)
Chassis:	Slot-in Slim ODD Bay x 1 2.5" SATA II HDD Bay x 1
Front Panel IO:	Power Button x 1 HDD indicator (Blue) x 1 Power indicator (Blue) x 1 USB 2.0 Port x 2
Rear Panel IO:	DC 19V Jack x 1 HDMI Port x 1 D-Sub VGA Port x 2 RJ45 LAN Jack x 1 USB 2.0 Port x 2 RS232 Serial Port x 1 2.1 channel Audio I/O Ports x 1 (Line-Out, Mic-In)
Security:	Kensington Lock Hole x 1
CPU Thermal:	AOpen Proprietary Fan Thermal Module

WatchDog Timer:	1 ~ 255 sec/min
Adapter:	90W (19V, 4.74A) AC Adapter
Input Voltage:	AC 100 ~ 240V
Environment:	MTBF : 40,000 hrs
	Operating Temperature : 0 ~ 50°C (32 ~ 122°F)
	Relative Humidity : 90% RH (45°C non-Condensing)
	Operating Vibration : 0.5Grms, Random, 10~500Hz, X,Y,Z 3Axes, 0.5hr/Axis
	Operating Shock : 8G, half sine, 11ms duration, X,Y,Z 3Axes, 6Direction, 3 shocks/direction
Accessory:	90W Power Adapter (19V) x 1
	Power Cord x 1
	MPI-SATA Riser Card x 1
	AOpen Proprietary "L" Bracket x 1
	Screw Bag M3*L5 (4pcs) x 1 (for 2.5" HDD)
	Screw Bag M3*L5 (8pcs) x 1 (for 'L' Bracket)
	Screw Bag M2*L3 (7pcs) x 1 (for ODD and Riser Card)
	Utilities & Drivers CD x 1
Assembly Guide x 1	
Certification:	CE, FCC, UL, CB
Support OS:	Windows Vista Home Ultimate / Premium / Basic, Windows XP, Windows Embedded

