**Thunder n3600B**

**S2927**

**AMD Opteron™ Rev. F Platform**

- Dual 1207-pin sockets support AMD Opteron™ (Rev. F) 2000 Series processors
- Supports DDR2 667/533 registered ECC DIMM; 8x DIMM socket
- (1) x16 PCI Express; (1) x 16 PCI-E slot w/ x8 link ; (3) 32-bit, 33MHz PCI v2.3 slots
- (1) IDE connector
- (6) SATA2 Ports w/ nVidia MediaShield™ supports for RAID 0, 1, 0+1, 5, JBOD
- (2) NFP3600 integrated MAC with Two Marvell 88E1116 single port Gigabit Ethernet PHY
- XGI XG20 with 16MB DDR memory
- Realtek ALC262 audio CODEC

(Specifications are subject to change without notice. Items pictured may only be representative.)
Specifications:

Processors
- Dual 1207-pin ZIF sockets
- Supports up to 2 AMD Socket F Opteron™
- TM 2000 series processors
- Up to 1.0GHz Hyper-Transport link support

Chipset
- nVIDIA NFP3600
- SMSC SCH5017

Memory
- Dual memory channels
- Supports up to eight DDR2 667 DIMMs
- Up to 32GB of registered, ECC memory

Expansion Slots
- One x16 PCI Express (PCI-E1)
- One x 16 PCI-E slot w/ x8 bandwidth (PCI-E2)
- Three 32-bit, 33MHz PCI v2.3 slots (PCI 1~3)
- Total five usable expansion slots

System Management
- SMSC SCH5017 w/ 2x EMC6D103
- One 15-pin VGA port
- 3 audio jacks(from bottom: line out<green>, line in<blue>, MIC<pink>)(S2927A2NRF only)
- 2 double-decked USB2.0 ports and one RJ45/2x Marvell 88E11216 dualsingle port Gigabit Ethernet PHY +nVIDIA MAC 10/100/1000 Base-T port with link/activity LED

BIOS
- AMI BIOS 8Mbit Flash
- Supports ACPI 2.0
- PnP, DMII2.0, WIM2.0 Power Management

Power
- EPS12V support, On board 4 -phase VRD
- Universal 24-pin + 8-pin power connectors
- 4-pin auxiliary power connector

Form Factor
- ATX footprint, 10.2” x 12.0” (259mm x 305mm)

Regulatory
- FCC Class B (Declaration of Conformity)
- CE (Declaration of Conformity)

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