

### AMD® Opteron™ AM2 NK16XX Series Entry Server Board

|  |  |   |   |
|---|---|---|---|
|   | Model   | NK166   | NK162   |
| <b>CPU</b>  | 1-way Opteron 1000 series   | 1-way Opteron 1000 series   | 1-way Opteron 1000 series   |
| <b>HyperTransport</b>   | 2000MT/s  | 2000MT/s  | 2000MT/s  |
| <b>Chipset</b>  | NVIDIA nForce Pro 3400  | NVIDIA nForce Pro 3400  | NVIDIA nForce Pro 3400  |
| <b>Form Factor</b>  | ATX 12" x 9.6"  | ATX 12" x 9.6"  | ATX 12" x 9.6"  |
| <b>Memory Slot</b>  | 4 (2 ranks)   | 4 (2 ranks)   | 4 (2 ranks)   |
| <b>Memory</b>   | Max. 16GB, unbuffered, ECC, DDR2 800/667/533                                      | Max. 16GB, unbuffered, ECC, DDR2 800/667/533                                | Max. 16GB, unbuffered, ECC, DDR2 800/667/533  |
| <b>BIOS</b>   | Phoenix 4Mb BIOS  | Phoenix 4Mb BIOS  | Phoenix 4Mb BIOS  |
| <b>Networking</b>   | Dual GbE from MCP55VPro   | Dual GbE from MCP55VPro   | Dual GbE from MCP55VPro   |
| <b>Video</b>  | XGI Valori Z7 w/ 32MB DDR   | N/A   | N/A   |
| <b>Audio</b>  | N/A   | N/A   | 2x3 Audio connector   |
| <b>Expansion Slots</b>  | 1 x PCI-E x16<br>2 x PCI-X 133/100MHz<br>2 x PCI-E x1<br>1 x PCI 32               | 1 x PCI-E x16<br>1 x PCI-E x16 with x8 signal<br>2 x PCI-E x1<br>1 x PCI 32 | 1 x PCI-E x16<br>1 x PCI-E x16 with x8 signal (Support SLI)<br>2 x PCI-E x1<br>1 x PCI 32 |
| <b>SATA2</b>  | 6 SATA 2 ports from MCP55VPro with RAID 0,1, 5, 10, JBOD                          | 6 SATA 2 ports from MCP55VPro with RAID 0,1, 5, 10, JBOD                    | 6 SATA 2 ports from MCP55VPro with RAID 0,1, 5, 10, JBOD                                  |
| <b>IDE</b>  | ATA133 up to 2 devices  | ATA133 up to 2 devices  | ATA133 up to 2 devices  |
| <b>USB</b>  | 4R, 4F USB2.0   | 4R, 4F USB2.0   | 4R, 4F USB2.0   |
| <b>I/O Shield</b>   | 2 x PS/2, 4 x USB<br>1 x COM, 1 x VGA<br>2 x RJ45                                 | 2 x PS/2, 4 x USB<br>1 x COM, 2 x RJ45                                      | 2 x PS/2, 4 x USB<br>1 x COM, 2 x RJ45  |
| <b>Server Management</b>  | Scorpio socket  | N/A   | Scorpio socket  |
| <b>Server Management / Hardware Monitor</b>                                       | Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V Standby     | N/A   | Monitors CPU temperature/voltages, FAN status, +3.3V, +5V, ±12V & +5V Standby             |
| <b>P/N</b>  | RS17700N13BN - NK166 Bulk<br>RS17700N13GN - NK166 Gift                            | RS17701N13BN - NK162 Bulk<br>RS17701N13GN - NK162 Gift                      | RS17702N13BN - NK164 Bulk<br>RS17702N13GN - NK164 Gift                                    |

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Dealer Stamp

