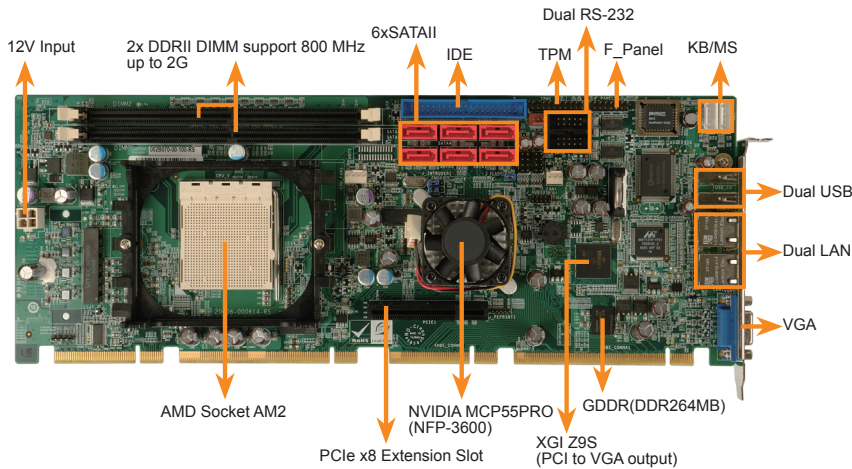
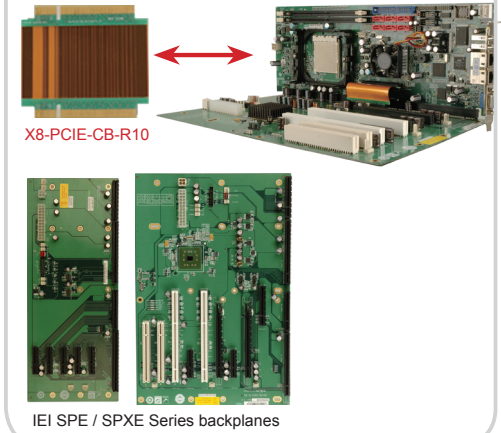


# SPCIE-3600AM2

PICMG1.3 Full Size CPU Card with AMD Socket AM2, Nvidia NFP-3600 Platform supports 28 Configurable PCIe Lanes, CRT Output, Dual Gbe with Fail Over/Load Balancing, 6 SATA II with RAID Function, 10 USB2.0, CF card



Earning extra PCIe x8 Bandwidth beyond 20 PCIe of PICMG1.3



## Specifications

- ◆ CPU  
AMD Socket AM2, Opteron, Athlon® 64, Athlon® 64 x2, AMD, Sempron processors
- ◆ System Chipset  
Nvidia MCP55Pro (NFP-3600)
- ◆ BIOS  
AMI BIOS Label  
1MB SPI EEPROM
- ◆ Memory  
2x DDRII DIMM support 400/533/667/800 MHz up to 2G
- ◆ Ethernet  
2 x GbE (MCP55/MAC + Marvell 88E1121/PHY) with Load Balancing / Fail Over supported
- ◆ I/O Interfaces  
2 x RS-232  
10 x USB2.0  
(2 on Bracket, 4 on SBC by pin header, 4 on backplane)  
1 x IDE  
1 x FDD  
1 x LPT  
6 x SATA II (RAID 0, 1, 10, 5, JBOD)  
1 x IRDA  
2 x 5-pin wafer connector for KB/MS
- ◆ Digital I/O  
8-bit Digital I/O (4-bit input/4-bit output)
- ◆ Display Interfaces  
D-Sub Analog CRT Output via XGI Z9S PCI graphic controller and independent 64MB DDR2 graphic memory
- ◆ Expansion  
One PCIe x8 Slot for Dual PCIe x8 Application
- ◆ Audio  
7.1channel HD Audio via AC-KIT-883HD
- ◆ SSD  
CF Type II
- ◆ WDT  
Software programmable, supports 1~255 sec. System reset
- ◆ Power Supply  
ATX
- ◆ Power Consumption  
3.3V@4.83A, 5V@2.53A, 5Vsb@0.45A, 12V@0.2A, Vcore@5.98A (AMD Sempron 3600+, DDR 2 667MHz 1GB)3D Mark 2001SE
- ◆ Temperature  
Operation: 0°C~60°C (32~140°F)
- ◆ Humidity  
Operation: 5%~95% non-condensation
- ◆ Dimension  
338mm x 126mm
- ◆ Weight  
GW: 1.2kg

ECC Support

DDRII 800



## Features

1. PICMG1.3 Full Size CPU Card with RoHS Compliant
2. AMD Socket AM2 support Opteron, Athlon® 64 x2, Athlon® 64, Sempron Processor
3. Nvidia NFP-3600 Server-grade Platform supports 28 Configurable PCIe Lanes for Flexible PCIe Application
4. Support SLI Technology via Dual PCIe x8 Configuration
5. On-board Graphics Unit with Independent 64 MB DDR2 Memory provides VGA Output
6. 2x DDRII DIMM support Max. 800 MHz up to 2G with ECC Supported
7. Dual Marvell LAN support Fail Over & Load Balancing
8. 6 SATAII with RAID 0.1.10, 5, JBOD Function supported

## Packing List

1 x SPCIE-3600AM2-R10 Single Board Computer
1 x ATA 66/100 Flat Cable (P/N: 32200-000052-RS)
1 x Mini Jumper Pack
1 x Dual RS-232 Cable (P/N:19800-000051-RS)
6 x SATA Cable (P/N:32000-000138-RS)
3 x SATA Power Cable (P/N:32100-087100-RS)
1 x USB Cable (P/N: CB-USB02-RS)
1 x Utility CD

## Ordering Information

Part No.	Description
SPCIE-3600AM2-R10	PICMG1.3 Full Size CPU Card with AMD Socket AM2, Nvidia NFP-3600 Platform, Analog CRT Output, Dual GbE, 1 IDE, 6 SATA II, 10 USB2.0, CF Type II
X8-PCIE-CB-R10	PCIe x8 Converter Board for SPCIE-3600AM2
CPU Cooler	CF-519-RS
32200-000017-RS	FDD Cable
19800-000049-RS	LPT Cable
19800-000066-RS	Dual Mini Din Cable for KB & MS with Bracket