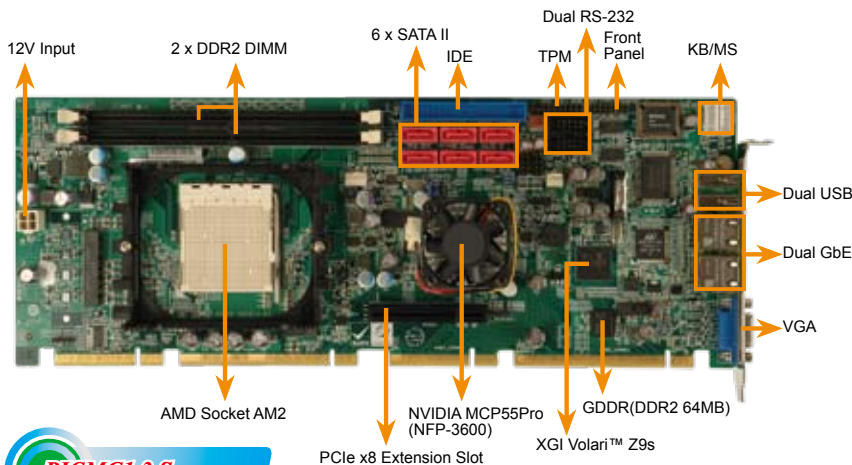


# SPCIE-3600AM2

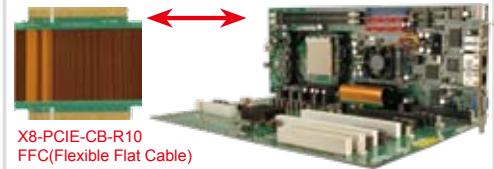
Full-size PICMG 1.3 CPU card supports AMD Socket AM2 Opteron™, Athlon™ 64 X2, Athlon™ 64 and Sempron™ processors and comes with CRT output, dual GbE with fail over/load balancing, six SATA II with RAID function and ten USB 2.0



## Specifications

- ◆ CPU  
Socket AM2 AMD Opteron™, Athlon™ 64 X2, Athlon™ 64 and Sempron™ processors
- ◆ System Chipset  
NVIDIA MCP55Pro (NFP-3600)
- ◆ BIOS  
AMI BIOS Label  
4Mb PLCC EEPROM
- ◆ Memory  
Two 2.0 GB (max.). 240-pin 800 MHz, 667 MHz or 533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4GB)
- ◆ Ethernet  
2 x GbE (Marvell 88E1121/PHY) with Load Balancing and Fail Over support
- ◆ I/O Interfaces  
2 x RS-232  
10 x USB 2.0  
(2 on bracket, four on SBC, four on backplane)  
1 x IDE  
6 x SATA II (RAID 0, 1, 10, 5, JBOD)  
1 x Keyboard  
1 x Mouse
- ◆ Digital I/O  
N/A
- ◆ Display Interfaces  
D-Sub Analog CRT Output via XGI Volari™ Z9s PCI graphic controller
- ◆ Expansion  
One PCIe x8 (for X8-PCIE-CB-R10)
- ◆ Audio  
10-pin on-board header connects to the IEI AC-KIT883HD 7.1 channel HD Audio kit
- ◆ WDT  
Software programmable, supports 1~255 sec. system reset
- ◆ Power Supply  
ATX
- ◆ Power Consumption  
3.3 V @ 4.83 A, 5 V @ 2.53 A, 5 Vsb @ 0.45 A, 12 V @ 0.2 A, Vcore @ 5.98A running 3DMark 2001 SE with an AMD Sempron™ 3600+ and one 1 GB 667 MHz DDR2 SDRAM DIMM
- ◆ Temperature  
Operation: 0°C~60°C (32~140°F)
- ◆ Humidity  
Operation: 5%~95% non-condensation
- ◆ Dimension  
338 mm x 126 mm
- ◆ Weight  
GW: 1.2 kg

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



## IEI SPE / SPXE series backplanes

SPE-4S  
SPE-6S  
SPE-9S  
SPXE-9S  
SPXE-14S

ECC Support

DDR2 800



## Features

1. PICMG1.3 with RoHS compliant
2. AMD® Socket AM2 support Opteron™, Athlon™ 64 X2, Athlon™ 64 and Sempron™ processors
3. NVIDIA NFP-3600 server-grade platform supports 28 configurable PCIe lanes for flexible PCIe applications
4. On-board graphics unit provides VGA output
5. Two 2GB DDR2 dual-channel SDRAM DIMM with ECC checking are supported.
6. Dual GbE support fail over & load balancing
7. Six SATA II with RAID 0, 1, 10, 5, JBOD function supported

## Packing List

1 x SPCIE-3600AM2 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
1 x QIG

## Ordering Information

Part No.	Description
SPCIE-3600AM2-R10	Full size PICMG1.3 CPU card with AMD Socket AM2, NVIDIA NFP-3600 platform, analog CRT output, dual GbE, one IDE, six SATA II, ten USB 2.0
X8-PCIE-CB-R10	PCIe x8 connection board for SPCIE-3600AM2
TPM-IN01-R10	Infineon 20-pin trusted platform module with S/W management Tool
TPM-WI01-R10	Winbond 20-pin trusted platform module with S/W management Tool
CF-519-RS	CPU cooler
CF-AM2-RS	CPU cooler
19800-000066-RS	Keyboard and mouse cable with bracket
AC-KIT883HD-R10	7.1 channel HD audio kit with realtek ALC883 supports dual audio streams
24105-000029-RS	AMD Athlon 64 X2 Dual-Core 3400+ 1.8GHz; 512KBx2, 1000MHz, TDP 35W, Socket AM2 (940 pins), RoHS
24105-000052-RS	AMD Athlon 64 Single-Core 3000+ 1.8GHz; 512KBx2, 1000MHz, TDP 35W, Socket AM2 (940 pins), RoHS