

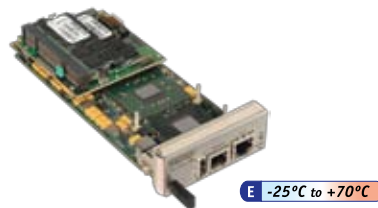
# AdvancedMC

The Advanced Mezzanine Card (AMC) specification is ratified by PICMG® to be compatible with the AdvancedTCA® (ATCA) and MicroTCA™ system architectures. The AMC specification establishes a modular building block approach that is cost effective, fabric based, swappable, and scalable. The modules are designed according to a series of AMC.x specifications.

Concurrent Technologies' AMC modules are suitable for applications such as wireless base stations, security, test and measurement systems, Voice over IP, media-servers or blade-servers.

## Processors

### Core 2 Duo



### Dual-Core Xeon



### AM 110/x0x

- 2.16GHz or 1.5GHz Core 2 Duo processor
- up to 8 Gbytes DDR2 DRAM
- PCI Express x8 (AMC.1 Type 8)
- 2 x Gigabit Serdes (AMC.2 Type E2)
- 1 x Gigabit Ethernet (Front Panel)
- 2 x SATA150 (AMC.3 Type S2)
- 2 x USB 2.0; 2 x serial; 2 additional SATA150
- IPMI and hot-swap (AMC.0)
- optional Flash drive
- mid or full height options

### AM 100/20x

- 2.0GHz or 1.66GHz Dual Core Xeon processor (667MHz FSB)
- up to 16 Gbytes soldered DDR2 ECC DRAM
- PCI Express x8 (AMC.1 Type 8)
- 2 x Gigabit Serdes (AMC.2 Type E2)
- 2 x SATA150 (AMC.3 Type S2)
- 4 x USB 2.0; 2 x serial; 2 additional SATA150
- IPMI and hot-swap (AMC.0)

## Storage

### SATA

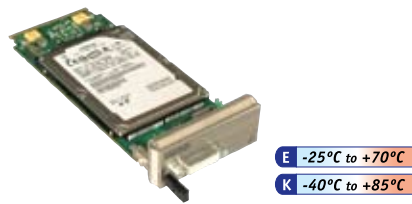


### AM 600/x0x

- up to 2 SATA disks or up to 2 CompactFlash drives (AMC.3)
- compatible RAID 0 and RAID 1
- IPMI (AMC.0)
- single width version also available
- mid or full height options

## Graphics

### Graphics/Mass Storage



### AM 400/x10

- resolutions up to 1280 x 1024
- digital and analog video via DVI-I connector
- optional SATA hard disk drive (AMC.3)
- PCI Express x1 (AMC.1 Type 1)
- IPMI and hot-swap (AMC.0)
- mid or full height options

## System

### MicroTCA



### Development System

- Includes:
- MicroTCA carrier hub
  - processor AMC
  - storage AMC