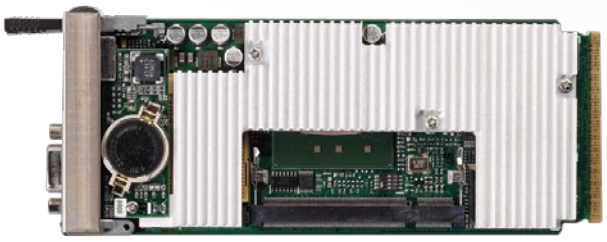
AMC-1000

Intel® Core™2 Duo Mid-Size AdvancedMC™ Processor Module



Features

- Intel® Core™2 Duo processor
- Server class Intel® 3100 chipset
- AMC.0 Single-width, Mid-size
- AMC.1 Type 1/4, AMC.2 E2 and AMC.3 S2 (SATA)
- Single DDR2-400 SO-RDIMM socket up to 4 GB capacity
- Onboard 4 GB flash and graphics controller

AdvancedMC™

Specifications

CPU / Chipset / RAM

CPU & FSB	Intel® Core™2 Duo L7400 1.5 GHz, FSB 667 MHz, 4MB L2 Cache (uFBGA)
Chipset	Intel® 3100 single integrated chipset containing MCH and ICH
Memory	Single DDR2-400 200-pin SO-RDIMM Socket, up to 4 GB

BIOS

Chip	Award® BIOS with 4 Mb flash memory
Features	Intel® PXE pre-boot
	Remote Console

I/O Interfaces

Graphics	ATI ES1000 with 64 MB DDR, up to UXGA 1600 x 1200 Resolution
USB	USB 2.0, Type mini-B
AMC.x	AMC.0 Single-width, Mid-size
	AMC.1 PCI Express® Type 1/4 (Type 4: Default, Type 1: Optional)
	AMC.2 Gigabit Ethernet Type E2
	AMC.3 SATA Storage Type S2
Storage	Onboard 4 GB USB NAND Flash
RTM	2x USB 2.0 ports
	4x SATA ports
Front Panel I/O	VGA, USB, COM

PICMG Standard

AdvancedMC	AMC.0 Advanced Mezzanine Card R2.0
	AMC.1 PCI Express® R1.0
	AMC.2 Gigabit Ethernet R1.0
	AMC.3 Storage R1.0

Other features

Operating System	Windows® XP Professional, Windows® Server 2003, Windows® XP Embedded, Red Hat Enterprise Linux release 5.1, Monta Vista Linux Carrier Grade Edition 4.0

Mechanical and Environmental

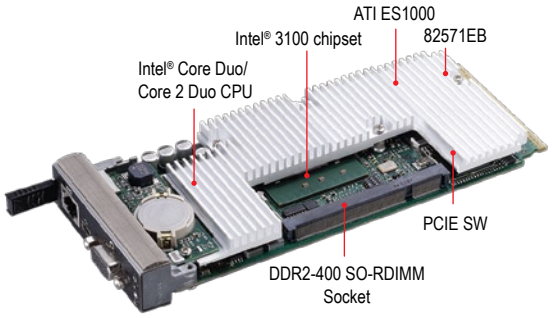
Form Factor	AMC.0 Advanced Mezzanine Card R2.0
Dimensions	181.5 mm x 73.5 mm x 18.96 mm (Mid-size)
	181.5 mm x 73.5 mm x 28.95 mm (Full-size)
Weight	450g/1lb
Operating Temp.	-5°C to 55°C
Storage Temp.	-20°C to 80°C
Humidity	5% to 95%, non-condensing
Shock	15 G peak-to-peak, 11 ms duration, non-operation
Vibration	Non-operation: 1.88 Grms, 5-500 Hz each axis
	Operation: 0.5 Grms, 5-500 Hz each axis
Power Consumption	AMC-1000/L7400/M2G, 36 W
Certificate or Test	FCC, CE, UL, NEBS Level 3 (design)

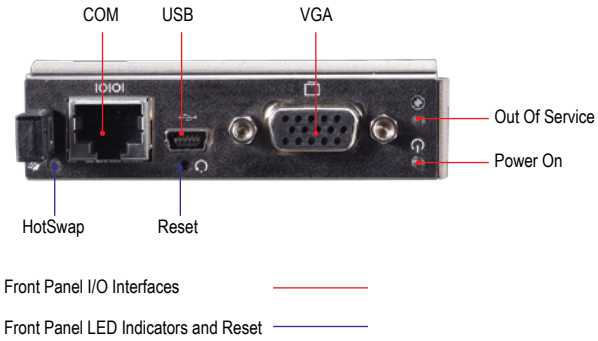
Ordering Information

Model Number	Description/Configuration
AMC-1000/L7400/M2G	Mid-Size AdvancedMC™ Processor Module with Intel® Core™2 Duo L7400 1.5 GHz, 1 GB SORDIMM
AMC-1000/L7400/M4G	Mid-Size AdvancedMC™ Processor Module with Intel® Core™2 Duo L7400 1.5 GHz, 4 GB SORDIMM

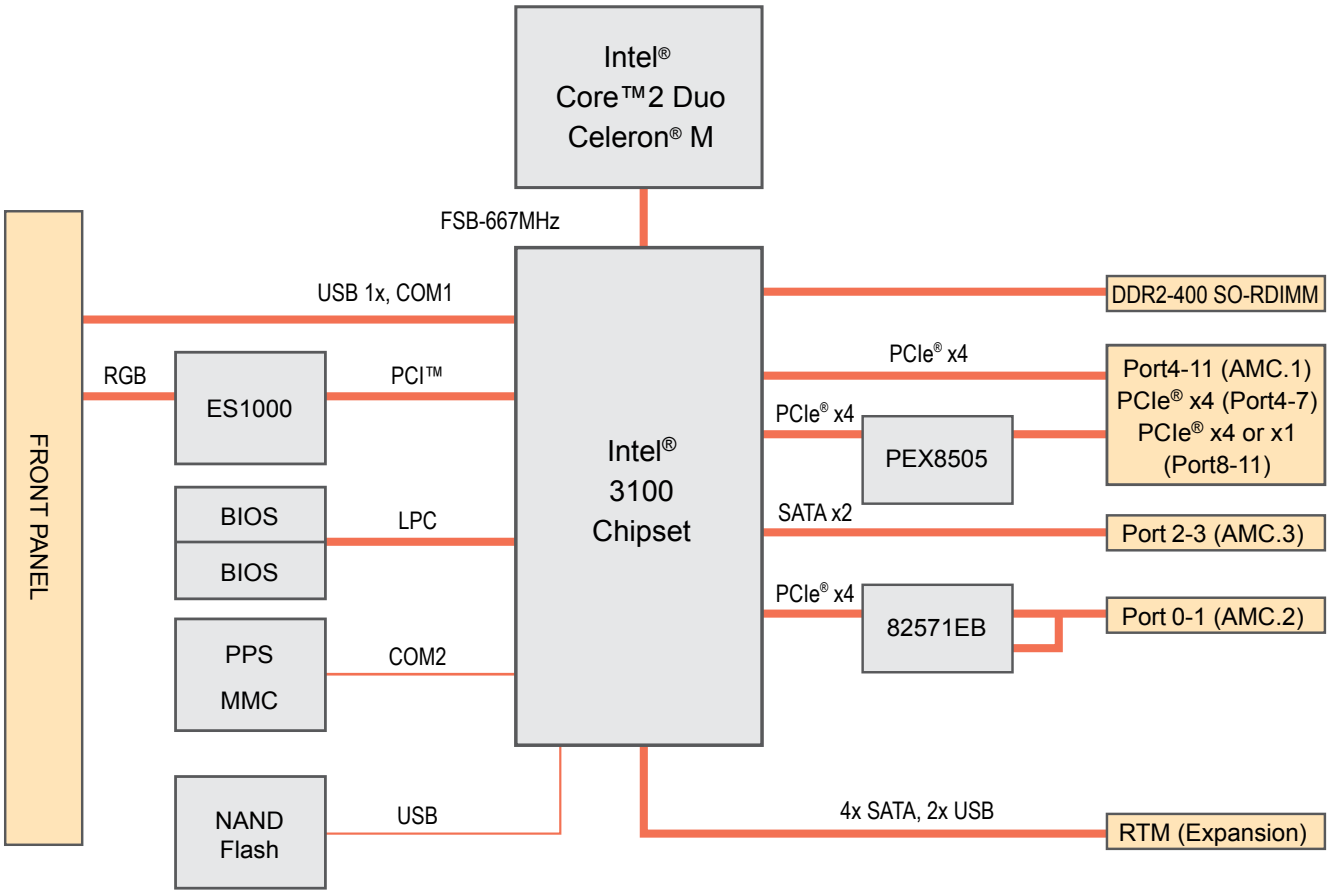
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Mechanical Layout





Functional Diagram



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