ForeRunner ESA-200EPC EISA Bus ATM Adapter

TECHNICAL SPECIFICATIONS
Operating Systems
- Windows NT 3.5 or 3.51
- Novell Netware 3.12 or 4.x (Servers Only)

PC Types
- Any Fully-Compliant Extended Industry Standard Architecture (EISA) Specification PC or Server

MEMORY REQUIREMENTS
Minimum
- Any 386 DX/33 With 16 Mbytes of Memory

Recommended
- Any 486 DX/2-66 or Better (Pentium Class) With 32 Mbytes of Memory

HARDWARE
Architecture
- On-Board 25 MHz i960® RISC Processor

FORE Silicon
- Enhanced SAR Processor (ESP) ASIC Bus ASIC

AAL Support
- Special-Purpose Hardware For AAL5 and AAL3/4, HEC, and CRC Calculations
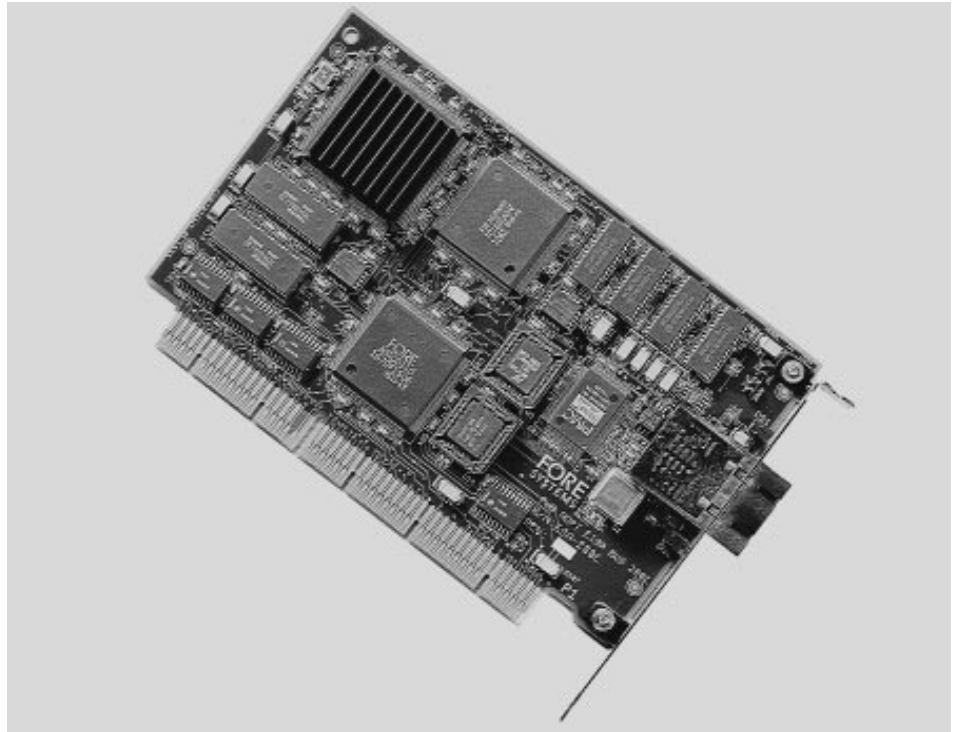
ABR-Ready
- Supports Explicit Forward Congestion Indication (EFCI) With Future Release of ForeThought Software

Compliance
- ATM Cell Processing Per ANSI
- T1S1.5/92-002R3, ITU I.361, and ATM Forum UNI v3.0 Specification

Cabling
- Duplex 62.5/125 µ Multimode Fiber (2,000 Meters Maximum, 10 dB loss) or 2-pair 100 Ohm

- Category 5, or Category 5 Screened, UTP Cable (100 Meters Maximum)

Connectors
- ST and SC For Multimode Fiber and RJ-45 For Category 5 UTP

Form Factor
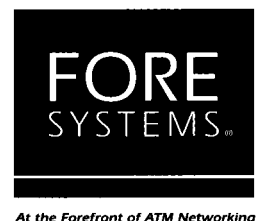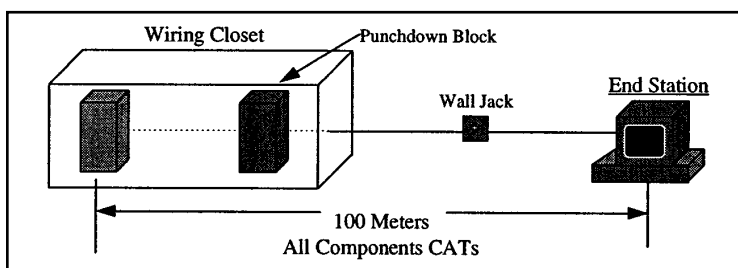- Single-Slot EISA Bus, Half-Card

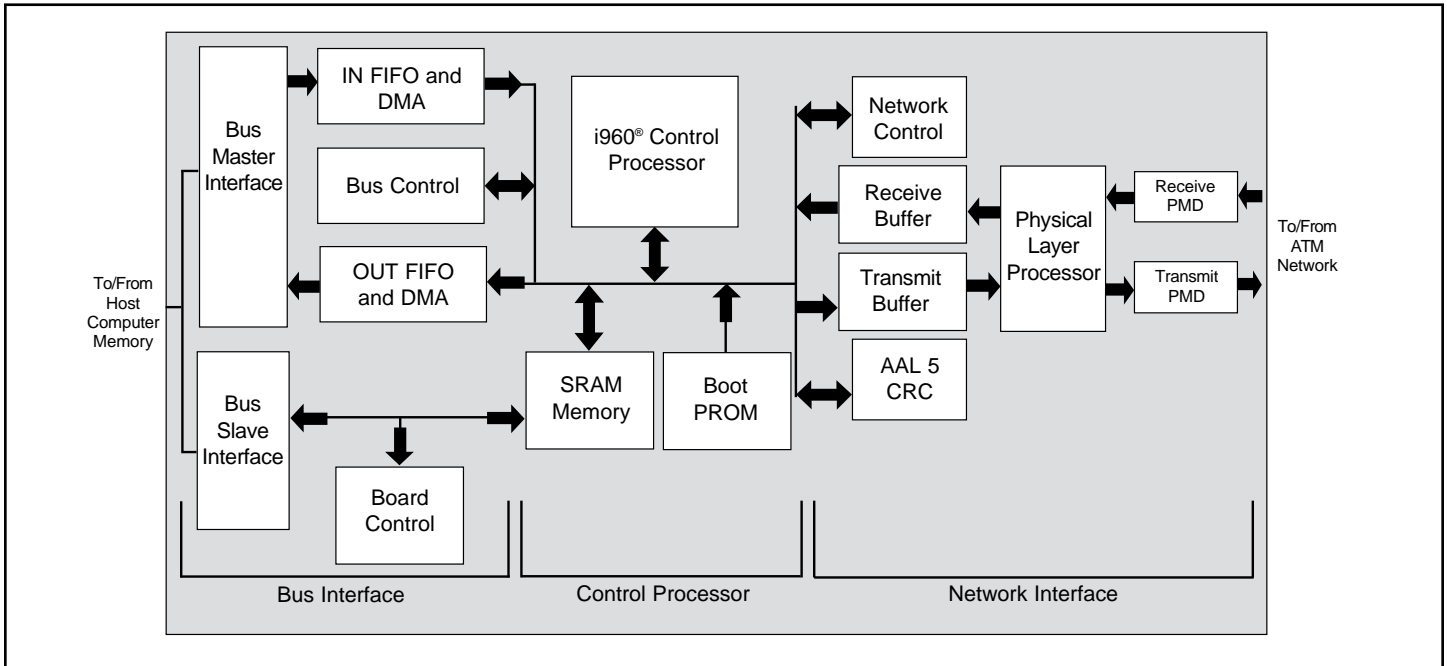**Memory**
- 256 Kbytes On-Board RAM

Status LEDs
- Transmit:
  – Green is Transmit
  – Off is Idle
  – Yellow is SONET Alarm Condition

Category 5 UTP Installation Distances:

FORE
SYSTEMS®

At the Forefront of ATM Networking

Receive
- – Green is Receive
- – Off is Idle
- – Red is Loss of Carrier

DMA Support
- 32-Bit Burst Mode, Bus Master "Fly-by," Scatter-Gather DMA Support
- Supports Block Transfers Up to 16 Words
- Full 32-Bit Data Path

SOFTWARE
- Transparent Standard Protocol Interface
- NDIS 3.0, ODI Server
- SPANS Switched Virtual Circuits (SVCs) Signaling Protocol
- Permanent Virtual Circuits (PVCs)
- Supports Up to 1024 Virtual Circuit Identifiers (VCIs)

LAN Emulation
ForeThought LAN Emulation Software v0.4 Ethernet and Token Ring Support

Firmware
- Downloadable For Convenient Upgrades

Management
- SNMP MIB Access to Adapter Status, ATM Cell Statistics, Cell Errors, and VPI/VCI Information

GENERAL

Dimensions
- H: 0.6" (1.5 cm) W: 5.0" (12.7 cm) D: 9.4" (23.8 cm)

Weight
- 8.3 oz. (235g)

Power Requirements
- 2 Amps (Maximum) @ +5V

Operating Temperature
- 32F to 104F (0C to 40C)

Operating Humidity
- 20% to 80% non-condensing @ 40C

Compliance
- FCC Part 15, Class A Verification and UL 1950

Device Drivers Included
- Windows NT 3.5 or 3.52
- Novell Netware Server Versions 3.12 and 4.x

WARRANTY INFORMATION
- FORE Systems' Hardware Carries a One-Year Warranty
- FORE Systems' Software Carries a 90-Day Warranty
- ForeMan Extended Support Program Available

ORDERING INFORMATION	
Model#	**Description**
ESA-200EPC/125A	100 Mbps TAXI Multimode Fiber
ESA-200EPC/OC3ST	155 Mbps Multimode Fiber w/ST Connector
ESA-200EPC/OC3SC	155 Mbps Multimode Fiber w/SC Connector
ESA-200EPC/UTP5	155 Mbps Category 5 UTP Copper w/RJ-45 Connector