

TURBOWAYS 100 ATM Adapter

The TURBOWAYS 100 ATM Adapter is a Micro Channel adapter operating at 100 Mbps full-duplex over multimode fiber. It offers high-performance throughput for applications requiring greater bandwidth than is available through current LAN technology. Examples include client/server or intensive multimedia applications.

The adapter supports AIX V3.2.5 for RISC System/6000 machines, and NetWare V3.1 and V4.01 or higher for PS/2 computers, with OS/2 support coming soon on the PS/2.

The adapter uses an on-board i960[®] processor and a specialized ATM chip set to minimize access to the host processor and increase performance. The adapter supports up to 1,024 virtual circuits. It includes LAN emulation for Intel-based systems or Classic IP over ATM for RISC System 6000 machines. A maximum of two TURBOWAYS 100 ATM Adapters can be installed in a system.

PART NUMBERS

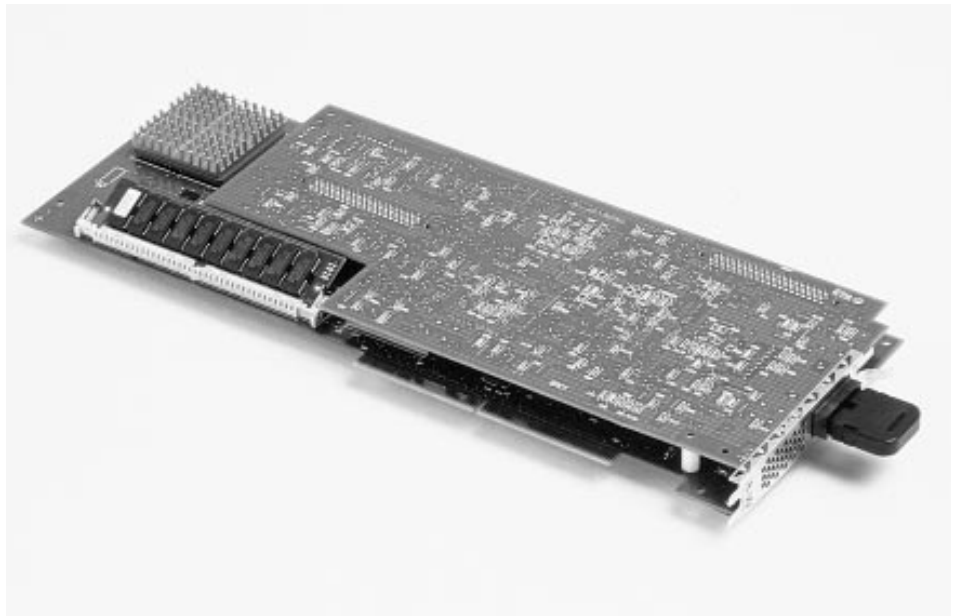
Part Number 04H7521 (PS/2, Qty. 1);
Part Number 04H7522 (PS/2, Qty. 5)
Feature Code 2984, 5063 (RISC System/6000).

SYSTEM REQUIREMENTS

RISC System/6000 or PS/2 workstation or server with 486 or higher processor; Micro Channel bus with one available 32-bit Type 5 slot; 8 MB minimum system memory. Recommended PS/2 model: 9595; Recommended RISC System 6000 models: 7012, 7013, 7015.

OPERATING SYSTEM REQUIREMENTS

AIX 3.2.5 (RISC System/6000);
NetWare 3.1.2 and 4.01 or higher (PS/2);
OS/2 2.0 or higher (PS/2).



CABLING AND CONNECTORS

62.5 micron, plenum-rated multimode fiber terminated with industry-standard SC connector.

STANDARDS SUPPORT

ATM Forum UNI Specification
V 3.0 for SVCs (including permanent virtual circuit). AAL-5 Adaptation Layer;
Open data link interface (PS/2);
NetWare device driver specification (PS/2).

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PROTOCOLS ENABLED

NetBIOS, SNA, IPX and TCP/IP (through LAN emulation on PS/2); ATM API (future enhancement); Classic IP over ATM (AIX only).

ATM SWITCH SUPPORT

ATM Forum Compliant Switched Virtual Circuit; (SVC) V3.0 connectors and Permanent Virtual Circuit (PVC) signaling (AIX only).

PHYSICAL SPECIFICATION

Height 122.56 mm (4.82 in); Length 332.74 mm (13.10 in);
Depth 16.25 mm (0.64 in).

OPERATING ENVIRONMENT

10 degrees to 32 degrees C; 50 degrees to 90 degrees F; Class B environment; Relative Humidity, 8 to 80%; Wet Bulb = 23 degrees C, 73 degrees F; Class A certified.

WARRANTY

1 Year.