

Broadmore Product Guide

(See also Federal Price Guide)



The Broadmore lines of products offer solutions to aggregate and transport traffic from various user circuits using ATM technologies in various chassis, including fully redundant. The traffic from the user circuits, DS1, DS3, V.35, RS-232, RS-422, RS-449, RS-530 and other cell and serial data, is aggregated and routed to the ATM network. Optical network interface cards include OC3c and OC12c. Other network interfaces include Cell Bearing, HSSI and ATM DS-3.

Item	Part Number	Description
Configured Systems		
Chassis		
With Single CPU & I/O and S/W support:	7665-1700	1700 17-slot chassis with redundant -48vdc inputs, APM, FIPS CPU & I/O. Supports up to (2) CPUs, (12) SAMs and (2) NIMs. Includes FIPS/NIAP validated software and first year software support.
	7665-1750	1750 17-slot chassis with redundant -48vdc inputs, APM, FIPS CPU & I/O. Supports up to (2) CPUs, (12) SAMs and (2) NIMs. Includes FIPS/NIAP validated software and first year software support.
	7665-500AC	5-slot chassis, APM, Security CPU & I/O, with single 115/230V A/C. Includes FIPS/NIAP validated software and first year software support.
	7665-500DC	5-slot chassis, APM, Security CPU & I/O, with dual -48vdc. Includes FIPS/NIAP validated software and first year software support.
Without CPU:	7665-17C	1700 17-slot chassis with redundant -48vdc inputs. Supports up to (12) SAMs, (2) NIMs and (2) CPUs. Includes APM, APM I/O Module, and Fan Tray. Does not support redundant SAM.
	7665-17B	1750 17-slot chassis with redundant -48vdc inputs. Supports DS3/E3, NIM, CPU redundancy. Includes APM, APM I/O Module, and Fan Tray. NEBS certified.
	7665-05AC	Chassis, 5-slot APM, single 115/230V A/C
	7665-05DC	Chassis, 5-slot APM, dual 48VDC
CPU & CPU I/O Modules		
	7660-205	FIPS 140-2 validated Security w/SNMPv3 Software Upgrade on CD (Includes latest SNMPv3 Encryption, Secure ID, Secure Shell software release), per CPU
	7660-007	Module, CPU-2, Ethernet with SAR (Rel. 3.7 no Security)
	7660-206	Module, CPU with FIPS 140-2 validated Security w/SNMPv3 Software (Includes latest SNMPv3 Encryption, Secure ID, Secure Shell software)

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Item	Part Number	Description
	7660-208	Module, CPU with SNMPv3 Software (Includes latest SNMPv3 Encryption, Secure ID, Secure Shell software), Network Timing Protocol and HSAM support
	7660-411	I/O CPU - V2
Optical Network Interface Modules (NIM) & NIM I/O Modules		
	7660-114	NIM, OC-12c, SC, S-Mode, Intermediate Reach
	7660-113	NIM, OC-12c, SC, M-Mode, Premise Reach
	7660-116	NIM, OC3c IR, S-Mode, Intermediate Reach
	7660-117	NIM, OC3c PR, M-Mode, Premise Reach
	7660-406	I/O 1 BITS port, one per OC3/OC12 NIM
	7660-314	OC-12c S-Mode Set (one each 7660-114 & 7660-406)
	7660-313	OC-12c M-Mode Set (one each 7660-113 & 7660-406)
	7660-316	OC3c S-Mode Set (one each 7660-116 & 7660-406)
	7660-317	OC3c M-Mode Set (one each 7660-117 & 7660-406)
sOC3 Service Access Modules (SAM) & SAM I/O Modules		
	7660-084	sOC3 SAM (2 slots)
	7660-484	OC3 SAM I/O, 1 per OC3 SAM
	7660-384	OC3 SAM Set (one each 7660-084 & 7660-384)
sDS3 Service Access Modules (SAM) & SAM I/Os		
	7660-672	DS3 Structured SAM Module
	7660-416	I/O DS3 Structured
	7660-372	DS3 Structured SAM Set (one each 7660-672 & 7660-416)
uDS3/uE3 Service Access Modules (SAM) & SAM I/O		
	7660-034	SAM, DS3, Unstructured 3-port
	7660-045	SAM, E3, Unstructured 3-port
	7660-403	DS3/E3 I/O for 1700 chassis
	7660-409	I/O DS3/E3 Working I/O for all chassis
	7660-410	I/O DS3 protection (1750 slot P only)
	7660-334	DS3 Unstructured SAM Set (one each 7660-034 & 7660-409)
	7660-345	E3 Unstructured SAM Set (one each 7660-045 & 7660-409)
ATM DS3 NIM/SAM & I/O		
	7660-018	ATM DS3, Single Port, NIM/SAM

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	7660-419	I/O ATM DS3
	7660-318	ATM DS3 NIM/SAM Set (one each 7660-018 & 7660-419)
T1/E1 Service Access Modules (SAM) & SAM I/O		
	7660-004	SAM, T1 (DS-1), 8 Port Circuit, Nx64, Structured & Unstructured
	7660-005	SAM, E-1, 8 Port Circuit, Nx64, Structured & Unstructured
	7660-404	I/O N X 64 T1/E-1, 8 RJ48
	7660-304	T1 SAM Set (one each 7660-004 & 7660-404)
	7660-305	E1 SAM Set (one each 7660-005 & 7660-404)
Multiple Bit Rate (MBR) Service Access Modules		
	7660-008	SAM, MBR, 4 port, prog, synch or asynch
	7660-408	I/O HDB26 4 port for MBR or Mux/De-Mux
	7660-040	SAM, 8 port Serial Multiplexer (Mux)
	7660-041	SAM, 8 port Serial De-Multiplexer (De-Mux)
	7660-009	SAM, MBR, High Bit Rate (HBR), 4 port
	7660-418	I/O MBR High Bit Rate, 4 port RJ45
	7660-042	SAM, HSAM, 137/274Mbps Serial
	7660-442	I/O HSAM, 2 port
	7660-443	Bridge HSAM, 137M to 274M
	7660-308C	DCE MBR Set (one each 7660-008, 7660-408 & 4x7660-502 DCE Cables)
	7660-308D	DTE MBR Set (one each 7660-008, 7660-408 & 4x7660-512 DTE Cables)
	7660-309C	DCE HBR Set (one each 7660-009, 7660-418 & 4x7660-524 DCE Cables)
	7660-309D	DTE HBR Set (one each 7660-009, 7660-418 & 4x7660-527 DTE Cables)
	7660-340	Mux SAM Set (one each 7660-040, 7660-408 & 7660-525 Mux Cable)
	7660-341	De-Mux SAM set (one each 7660-041, 7660-408 & 7660-526 De-Mux Cable)
	7660-342	HSAM Set (one each 7660-042, 7660-442, & 7660-443)
	7660-740	Mux/De-Mux SAM Set (one each 7660-340 & 7660-341)
Cell Bearing Interfaces & I/Os		
	7660-017	RS-530 Cell Bearing Interface (CBI) NIM/SAM, Single port
	7660-417	RS-530 CBI IO, DB-25 Connectors (DCE & DTE), crypto resync
	7660-020	RS-530 High Speed Serial Interface (HSSI) CBI NIM/SAM, Single port
	7660-420	RS-530 HSSI I/O, SCSI-II Connectors (DCE & DTE), crypto resync
	7660-327	CBI NIM/SAM Set (one each 7660-017, 7660-417 & 7660-522 Cable)
	7660-320	HSSI NIM/SAM Set (one each 7660-020, 7660-420 & 7660-523 Cable)

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Software Features		
	7660-205	FIPS 140-2 validated Security w/SNMPv3 Software Upgrade on CD (Includes latest SNMPv3 Encryption, Secure ID, Secure Shell software release), per CPU
	7660-207	OS v4.x to latest v4.z Software upgrade only on CD, per CPU
	750-0043	OS any version to non-Security v3.71 Software upgrade only on CD, per CPU
	750-0076	OS any version to Security v3.71 Software upgrade only on CD, per CPU
	750-0044	Replacement CPU Disk-on-Chip Flash Memory Module (no software)
	751-0043	Broadmore Software Upgrade, V3.71, Non-FIPS - Electronic Distribution
(Product) Accessories		
	7660-023	Alarm Power Module (17B/C) back fuses
	7660-025	I/O Alarm Power Module (17B/C)
	7665-17PS	Power Supply/AC (single 7660-115 included)
	7660-115	P/S Module/AC, 115/230 to 48 VDC
	7660-024	2-Fan Tray (standard in 1700/1750)
	7660-027	3-Fan Tray (optional for 1700/1750)
	7660-026	Spare Fan/APM (500 only)
	7665-05ACPS	Spare or Redundant 115/230 V A/C Power Supply (500 only)
	7665-05DCPS	Spare or Redundant -48vdc Power Supply (500 only)
Universal Accessories - All Cables are 6ft length unless otherwise stated		
	7660-501	RS-449 Cable, DB37 DCE
	7660-502	EIA-530 Cable, DB25 DCE
	7660-503	V.35 Cable, MRAC DCE
	7660-504	RS-232 Cable, DB25 DCE
	7660-505	EIA-530 Cable, DB25 DCE, 10 feet
	7660-506	EIA-530 Cable, DB25 DCE, 25 feet
	7660-507	EIA-530 Cable, DB25 DCE, Male, KG/KIV
	7660-508	RS-232 Cable, DB9 DCE, Male, 10 feet
	7660-511	RS-449 Cable, DB37 DTE
	7660-512	EIA-530 Cable, DB25 DTE
	7660-513	V.35 Cable, MRAC DTE
	7660-514	RS-232 Cable, DB25 DTE
	7660-515	EIA-530 Cable, DB25 DTE, 10 feet
	7660-516	EIA-530 Cable, DB25 DTE, 25 feet

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Item	Part Number	Description
	7660-520	CBI RS530 Cable, Male-Male, 5 feet
	7660-521	CBI RS530 Cable, Male-Female, 5 feet
	7660-522	CBI RS530 Cable, Female-Female, 5 feet
	7660-523	HSSI Cable, HP-50 male SCSI to HP-50 male SCSI, 10ft
	7660-524	HBR Adapter, RS422 25 pin 530 DCE to RJ45 with 6ft Cable
	7660-525	Mux Dual Cable
	7660-526	De-Mux Dual Cable
	7660-527	HBR Adapter, RS422 25 pin 530 DTE to RJ45 with 6Ft Cable
Maintenance Options		
	720-0108	Annual Broadmore 500 Software Only Maintenance Contract, per Chassis
	720-0110	Annual Broadmore 17xx Software Only Maintenance Contract, per Chassis
	720-0109	Annual Software/Hardware Maintenance Contract, 7x24 telephone & WEB support, software updates & hardware advanced replacement services, per Chassis

AIRLINX Communications, Inc.
Box 253
Greenville, NH 03048
E-mail: sales@airlinx.com
Tel: (888) 224-6814
Fax: (603) 878-0530