SBUS to ATM Adapters. (Non closed list)

Company					
SAR technology	# VCI	SDH network interface physical interface	driver	available	price
Newbridge					
Risc based processor	1023	yes. (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	yes yes	2000$
Interphase					
FRED	2048	yes (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	yes yes	2300$
Efficient Networks, Inc.					
dedicated ASIC	1024	yes: M.O.F* (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	oct 94 yes	2000$
Synoptics					
SAHI1 + SABRE (TI)	?	yes: M.O.F (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	mid 95 yes	2000$
SysKonnect					
Hardware based	1024	yes: M.O.F. (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	jan. 95 jan. 95	1900$
Sun					
SAHI2 + SABRE (TI)	256 (Tx) 1023 (Rx)	yes: M.O.F (Mult. Opt. Fib. + UTP)	SunOs SOLARIS	oct 94 yes	2000$

* M.O.F. : Multimod Optical Fiber.

Fore

Software based (I960)	512	yes: M.O.F.	Silicon	yes	1900$
		(Mult. Opt. Fib. + UTP)	Graphics	yes	

Network Peripherals

?	?	yes.	?	yes	2000$
		?			

ConnectWare

?	?	?	?	?	?

Zeitnet

?	?	?	?	?	1000$

VME to ATM Adapters. (Non closed list)

Company					
SAR technology	# VCI	SDH network interface physical interface	driver	available	price
Newbridge (Announcement)					
Risc based processor	1023	yes ?	?	mid 95	?
Interphase					
FRED (NS)	2048	yes	SunOs	yes	4000$
		(Mult. Opt. Fib. + UTP)	SOLARIS	yes	
			HP RT	yes	
Fore					
Software based (I960)	512	yes	Silicon Graphics	yes	4000$
		(Mult. Opt. Fib. + UTP)	Lynx OS	Dec 94	6000$

SBUS to ATM Adapters.

- Newbridge

- Segmentation and reassembly done with semi-custom RISC based processor.
- 155 Mbps STM1 multimod optical fiber.
- 1023 permanent virtual connections can be simultaneously established.
- At present time SUNOS 4.1.3 and SOLARIS 2.3 drivers are AVAILABLE.
- price:2000$ with optical fiber (ordering from France).
- Contact: Mr Luc HALLION Newbridge Networks S.A. Les Collines de L'Arche, OPERA C, 92057 Paris, La Défense, France. Tel 33 1 46 93 06 00. Fax 33 1 49 00 11 05.

- Interphase

- This board supports up to 160 Mbytes/s SBUS DMA transfers.
- Segmentation and reassembly done with FRED (National Semiconductor).
- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- 2048 permanent virtual connections can be simultaneously established.
- At present time SUNOS 4.1.3 and SOLARIS drivers are AVAILABLE.
- prices:2300$ with optical fiber. (ordering from France).
- Contact: Mr Jim HOLLAND, Interphase Astral House, Granville Way, Bicester, Oxon 0X6 0JT, ENGLAND. Tel (44) 869 321222. Fax (44) 869 247720.

- Efficient Networks, Inc.

- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- hardware based segmentation and reassembly chip (ENI specific ASIC design).
- 1024 virtual channel connections possible.
- SOLARIS 2.3 driver AVAILABLE.
- SUNOS driver EXPECTED October 94.
- price:2000$ with optical fiber.
- Contact: Mrs Melanie RENEAU. Efficient Networks, Inc. 4201 Spring Valley Road, Suite 1200 Dallas, Texas 75244-3666. Tel 214 991 3884. Fax 214 991 3887.

- Synoptics

- Segmentation and reassembly done with SAHI1 + SABRE chip (Texas Instruments)
- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- This board was developped in collaboration with SUN. It integrates SAHI 1 (first version) and runs only on worstations with clock less than 20 MHz (uncompatible with 25 MHz workstations).
- At present time SOLARIS driver is AVAILBLE.
- SUN OS driver EXPECTED mid 95.
- price:2000$ with optical fiber.
- Contact: Mr Patrick AUGENARD. Tel 1 69 18 83 50. France.

- SysKonnect

- Hardware based segmentation and reassembly cell (???).
- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- 1024 permanent virtual connections can be simultaneously established.
- SUN OS and SOLARIS drivers EXPECTED January 95.
- price:1900$ with optical fiber.
- Contact: Mr Michael GUHESZ. Tel 49 7243 5020. Fax 49 7243 5029 89. Germany.

- Sun

- Maximun SBUS DMA transfers is 34 Mbytes/s.
- Segmentation and reassembly done with SAHI2 + SABRE chip (Texas Instruments)
- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- 256 transmit channels and 1024 received channels can be simultaneously established.
- This board integrates SAHI 2 chip(last version) and runs on any SPARC worstation.
- ONLY SOLARIS (more than 2.3 version) driver is AVAILABLE.
- NO SUN OS driver EXPECTED.
- price:2000$ with optical fiber.
- Contact: Your local Sun distributor.

- Fore

- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- Segmentation and reassembly done by software (I960 processor).
- 512 permanent virtual connections can be simultaneously established.
- Silicon Graphics driver is AVAILABLE.
- price:2000$ with optical fiber.
- Contact: Fore is distributed in France by SILICOMP Ingénierie, BP 1, 195 rue Lavoisier, 38330 MontBonnot, France. Tel 76 41 66 66. Fax 76 41 66 67. Mr Jandart.

- Network Peripherals

- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- Segmentation and reassembly chip (???).
- number of VCI's (???).
- driver available (???).
- This board exists today and is AVAILABLE. (Waiting for formal documentation).
- price:2000$ with optical fiber.
- Contact: Network Peripherals is distributed by Computer Overseas, Chicago. Tel 312 332 3272. Fax 312 263 4879. Mr Greg BOYAN.

- ConnectWare :

- annoucement (Waiting for documentation).
- Contact: Mr David JETRE (USA). Tel 214 907 1093. Fax: 214 907 1594.

- ZeitNet

- (waiting for documentation).
- price : 1000$ (???).
- Contact: ??

VME to ATM Adapters

- Newbridge (ANNOUCEMENT).

- Segmentation and reassembly done with semi-custom RISC based processor.
- 155 Mbps STM1 multimod optical fiber.
- 1023 permanent virtual connections simultaneously established.
- VME to ATM adapter will be available by mid 95 (waiting for documentation).
- Contact: Mr Luc HALLION Newbridge Networks S.A. Les Collines de L'Arche, OPERA C, 92057 Paris, La Défense (France). Tel 33 1 46 93 06 00. Fax 33 1 49 00 11 05.

- Interphase

- Segmentation and reassembly done with FRED (National Semiconductor) 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- 2048 permanent virtual connections can be simultaneously established.
- At present time SUNOS 4.1.3, HP RT and SOLARIS (>2.3) drivers are AVAILABLE.
- prices:4000$ with optical fiber. (ordering from France possible)
- Contact: Mr Jim HOLLAND, Interphase Astral House, Granville Way, Bicester, Oxon 0X6 0JT, ENGLAND. Tel (44) 869 321222. Fax (44) 869 247720.

- Fore

- 155 Mbps OC3/STM1 multimod optical fiber & UTP class 5.
- Segmentation and reassembly done by software (I960 processor).
- 512 permanent virtual connections can be simultaneously established.
- Silicon Graphics driver is AVAILABLE.
- price:4000$ with optical fiber (Silicon Graphics).
- 6000$ with LynxOs driver.
- Contact: Fore is distributed in France by SILICOMP Ingénierie, BP 1, 195 rue Lavoisier, 38330 MontBonnot, France. Tel 76 41 66 66. Fax 76 41 66 67. Mr Jandart.

For more information concerning this list, please contact djidi@hep.saclay.cea.fr