NICs Configuration Support Matrix – Current Platforms

Last Updated = 7/14/04
Next Update Due = 8/14/04

*	EOLed NICs
**	See Note below
N/S	Not Supported or Not Applicable

Javier Lorenzo Contact x56020
Dilip Modi, Contact x14916
Teju Despande, Contact x12867
Minoo Mehta, Contact x14941
Jeff Guerrero, Contact x12460

PCI Tested configurations

Product Marketing	Javier Lorenzo	Javier Lorenzo	Teju Deshpande	Teju Deshpande	Jeff Guerrero	Jeff Guerrero	Javier Lorenzo	Minoo Mehta	Teju Deshpande	Teju Deshpande	Teju Deshpande	Minoo Mehta
Current Platforms	Crypto 1000 X6762A	Crypto 4000 X4011A/X4012A	GigaSwift UTP X1150A/X3150A	GigaSwift MMF X1151A/X3151A	HSI X1155A	SAI X2156A	ATM 155 X1157A	2GE+2 SCSI X4422A	Quad Gig Ethernet X4444A	Gigabit 2.0 X1141A*	Quad Fast Ethernet X1034A *	2FE+2 SCSI X2222A *
Entry-level Servers												
SF V20z (x86)	N/S	N/S	2	2	N/S	N/S	N/S	Planned 7/13/04	1	N/S	N/S	N/S
SF V60x	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
SF V65x	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
SF V100	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
SF V120	1	1	1	1	N/S	N/S	1	1	1	1	1	1
SF V210	N/S	1	1	1	N/S	1	1	1	1	1	1	1
SF V240	N/S	1	2	2	1	1	1	1	1 (optimal performance) / 2 (connectivity)y	1	1	1
SF V250			2	2				1	1		N/S	1
SF 280R	1	1	2****	2	1	1	3	1	2	3	3	1
SF V440	2	1	2	2	2	2	2	2	2	2	4	2
SF V480	1	1	2	2	N/S	N/S	2	2	2	2	4	2
SFV490			4	4	2			2	2	2	4	2
SF V880	2	2	4	4	2	N/S	2	2	3	4	4	2
SF V880z	2	2	4	4	4	N/S	2	2	3	4	4	3
SFV890	2	2	4	4	4 (Under Test)		N/S	3	3	4	4	3
Midrange Servers												
SF V1280	2	N/S	4	4	4	4	4	4	N/S	4	4***	3***
E2900			4	4					N/S			
SF4800	4	2	8	8	4	4	8	3 per domain	2	4	4***	3***
SF4810	4	N/S	8	8	4	4	8	3 per domain	2	4	4***	3***
E4900			7	7					2			
SF6800	4	2	14	14	4	4	8	3 per domain	2 per domain	4	4***	3***
E6900			7	7					2 per domain			
High-end Servers												
SF12K / 15K per domain	N/S	2	6	6	4**	N/S	8	4	4 – (Jun '04 qual)	4	8	4
E20K/25K			6	6				4 per domain	4 per domain			
NEBS Certified Servers												
Netra 120	1	1	1	1	N/S	N/S	1	1	1	1	1	1
Netra 240	N/S	1	2	2	1	1	1	1	1 (optimal performance) / 2 (connectivity)y	1	1	1
Netra t1 1400/5	1	N/S	1	1	3	1	3	1	1	1	3	1
Netra T4 (Netra 20)	1	1	2	2	3	3	3	1	1	3	4	1
Netra 1280	2	N/S	4	4	4	4	4	3	N/S	4	4	3
Workstations												
Sun Blade 150	1	1	1	1	3	3	1	1	1	1	1	1
Sun Blade 1500	1	1	2	2	3	3	3	1	1	3	4	1
Sun Blade 2000	2	1	2	2	3	3	3	2	1	2	3	2
Sun Blade 2500	2	1	2	2	3	3	3	2	1	2	3	2
Software												
Sun Trunking 1. 2 – Max links per trunk **	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	4	16	N/S
Sun Trunking 1. 3 – Max links per trunk **	N/S	N/S	4	4	N/S	N/S	N/S	4	4	4	16	4 (Fast Ethernet only)
Jumboframe (Solaris 8 onwards)	N/S	N/S	Yes	Yes	N/S	N/S	N/S	Yes	Yes	N/S	N/S	N/S

cPCI Tested configurations

Product Marketing	Minoo Mehta	Teju Deshpande	Teju Despande	Javier Lorenzo	Javier Lorenzo Con
Platforms	FE + SCSI cPCI X1232A	QFE cPCI X1234A	GE cPCI X1261A	ATM 155 MMF cPCI X1266A*	ATM 622 MMF cPCI X1268A*
SF3800	8	8	4	8	8
SF4800	8	4	4	7	7
SF4810	8	4	4	7	7
SF6800	8	4	4	8	8

Sbus Tested configurations

Product Marketing	Minoo Mehta	Teju Deshpande	Teju Deshpande	Jeff Guerrero	Teju Deshpande
Platforms	FE + SCSI X1018A	FE X1059A	QFE X1049A	HSI X1145A	Gigabit 2.0 X1140A
Ultra 1	2	2	1	2	0
Ultra 2	4	4	1	2	1
E3x00	6	6	4	8	4
E4x00_E5x00	10	10	4	12	4
E6x00	10	10	4	16	4
E10KPer_domain	2	4	4	3	4
SS1000_1000E	4	4	1	4	0
SC2000_2000E	8	8	1	4	0
SS5_SS10	2	2	1	1	0
SS20	2	2	1	1	0
SS4	0	0	0	1	0

NOTE

**** HSI X1155A**
The following PCI adapter cards may NOT be configured in any F12K or F15K domain that also has one or more HSI cards:
1032A or X1032A Fast Ethernet / SCSI **now EOL**
1157A or X1157A ATM. 155 Mbps MMF
1158A or X1158A ATM.155 Mbps UTP **now EOL**
1159A or X1159A ATM. 622 Mbps **now EOL**

***** QFE X1034A and X2222A**
The number in the table is based on performance. On SF48xx/68xx this can go up to 8 depending on network traffic. However it is recommended that the guideline of 100Mhz of CPU power per 100Mbps of network traffic be followed.

The above MaxQ numbers for NICs supported on different platforms are based on system performance and follow the general guideline that 100Mhz of CPU power drives 100Mbps of traffic. For connectivity purposes, the number may be increased at the expense of performance.

****
MaxQ IS 2. A system may have 4 installed provided 2 cards are used for traffic and 2 cards are for IPMP fail over. Only IPMP heart beat traffic occurs in the additional 2 fail over cards.

NICs Configuration Support Matrix – EOLed Platforms **Last updated = 03/15/04**

*	EOLed NICs
**	See Note below
N/S	Not Supported or Not Applicable

Javier Lorenzo	Javier Lorenzo x56020
Dilip Modi	Dilip Modi, contact x14916
Deepak Murthy	Deepak Murthy, contact x14815
Minoo Mehta	Minoo Mehta, contact x14941
Teju Deshpande	Teju Deshpande contact x12867

PCI Tested configurations

Product Marketing	Javier Lorenzo	Javier Lorenzo	Deepak Murthy	Deepak Murthy	Deepak Murthy	Teju Deshpande	Minoo Mehta	Minoo Mehta	Minoo Mehta	Javier Lorenzo	Minoo Mehta	Teju Deshpande
EOLed Platforms	**Crypto 1000 X6762A**	**Crypto 4000 X4011A/X4012A**	**GigaSwift UTP X1150A/X3150A**	**GigaSwift MMF X1151A/X3151A**	**Gigabit 2.0 X1141A***	**Quad Fast Ethernet X1034A**	**2FE+2 SCSI X2222A**	**HSI X1155A**	**SAI X2156A**	**ATM 155 X1157A**	**2GE+2 SCSI X4422A**	**Quad Gig Ethernet X4444A**
Ultra 5	1	N/S	1	1	1	2	N/S	3	3	2	N/S	N/S
Ultra 10	1	N/S	1	1	1	4	N/S	4	4	2	N/S	N/S
Ultra 30	1	N/S	N/S	N/S	1	2	1	3	4	2	1	N/S
Ultra 60	1	N/S	1	1	1	4	1	3	4	3	1	1
Ultra 80	1	N/S	1	2	3	3	1	1	1	3	1	1
E220R	1	N/S	2	1	2	2	1	3	4	2	1	1
E250	1	N/S	1	1	1	2	1	1	4	3	1	1
E420R	1	N/S	2	2	3	3	N/S	1	1	3	1	1
E450	1	N/S	2	2	2	4	2	4	4	4	2	1
E3000/3500	N/S	N/S	2	4	4	4	N/S	4	4	4	N/S	N/S
E4000	N/S	N/S	2	4	4	4	N/S	4	4	4	N/S	N/S
E4500	N/S	N/S	2	4	4	4	N/S	4	4	4	N/S	N/S
E5000	N/S	N/S	2	4	4	4	N/S	4	4	4	N/S	N/S
E5500	N/S	N/S	2	4	4	4	N/S	4	4	4	N/S	N/S
E6000	N/S	N/S	2	4	4	4	N/S	N/S	4	4	N/S	N/S
E6500	N/S	N/S	2	4	4	4	N/S	N/S	4	4	N/S	N/S
E10K per domain	N/S	N/S	6	6	8	4	4	N/S	0	12, 15	N/S	N/S
Netra ct 410						N/S						N/S
Netra ct 810						N/S						N/S
Netra CT 820 Blade						N/S						N/S
Netra ct 400/800						N/S						N/S
Netra t1 100/105						N/S						N/S
Netra X1						N/S						N/S
Netra t1 1120/5	1	N/S	1	1	1	4	1	3	4	3	1	1
Netra ft 1800	N/S	N/S	N/S	N/S	N/S	8	N/S	16	16	8	N/S	N/S
Netra T1 AC200/DC200	1	1	1	1	1	1	1	N/S	N/S	1	?	1
Sun Blade 100	1	1	1	1	1	1	1	3	3	1	1	1
Sun Blade 1000	1	1	2	2	3	4	1	3	3	3	1	1

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