

Supported configurations Xiranet iSCSI/SRP system software

Note: other components can be supported based on request

Last modified: June 22, 2007

Components

Enclosure

	Link
Supermicro SC836TQ-R800B (3U, 16 bays)	http://www.supermicro.com/products/chassis/3U/836/SC836TQ-R800V.cfm
Supermicro SC836E1-R800B (3U, 16 bays, SAS Expander)	http://www.supermicro.com/products/chassis/3U/836/SC836E1-R800V.cfm
Note: supports only SAS drives	
SupermicroSC933T-R760 (3U, 15 bays)	http://www.supermicro.com/products/chassis/3U/933/SC933T-R760.cfm
SupermicroSC933E1-R760 (3U, 15 bays, SAS Expander)	http://www.supermicro.com/products/chassis/3U/933/SC933E1-R760.cfm

Motherboard

Supermicro X7DBE	http://www.supermicro.com/products/motherboard/Xeon1333/5000P/X7DBE.cfm
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CPU

INTEL XEON 5xxx (>= 5130 recommended)	http://www.intel.com/design/intarch/dualcorexeon/5100/
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Memory

Kingstom FBDIMM (or similar, 4 x FBDIMM configurations recommended)

Controller

LSI SAS HBA (PCI-E models recommended, e.g. SAS3081E-R)	http://www.lsi.com/storage_home/products_home/host_bus_adapters/sas_hbas/index.html
LSI MegaRAID SAS HBA (e.g. 8408E, 8888ELP)	http://www.lsi.com/storage_home/products_home/internal_raid/megaraid_sas/index.html
Areca (basic support)	http://www.areca.com.tw/

Ethernet Network

INTEL GbE NIC (1/2 x GbE)	http://www.intel.com/network/connectivity/products/server_adapters.htm
Myricom Myri-10G (1 x 10 GbE)	http://www.myricom.com/Myri-10G/10gbe_solutions.html
Mellanox ConnectX-EN (2 x 10 GbE)	http://www.mellanox.com/products/connectx_en_card.php

InfiniBand

Mellanox InfiniHost III HCA (1, 2 ports, SDR/DDR)	http://www.mellanox.com/products/infinihost_iii_ex_cards.php
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IDE FLASH disk-on-module for Xiranet system software

Transcend TS512MDOM40V 512 MB (or similar)	http://www.transcend.de/Products/ModDetail.asp?ModNo=26&LangNo=20
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Note: plug in first IDE slot, supplied by Xiranet with license purchase

Disk drives

Seagate Barracuda ES series SATA drives	http://www.seagate.com/www/en-us/products/servers/barracuda_es/
Seagate Cheetah series SAS drives	http://www.seagate.com/www/en-us/products/servers/cheetah/