

Sun Fire™ X2100/X4100 & RAID IPROTECT™ SERVER PLATFORM

Flexible, reliable server platform

As IT environments become more complex, companies are searching for a powerful, reliable, easily managed, general-purpose server for a wide range of demanding tasks- and the Sun Fire™ server platforms fit the bill. The Sun Fire™ X2100 with AMD Opteron processor 100 series or the Sun Fire™ X4100 with AMD Opteron processor 200 series make it together with the Solaris Operating System an ideal solution for a reliable and powerful application as iProtect™.

Sun Fire™ X2100/X4100

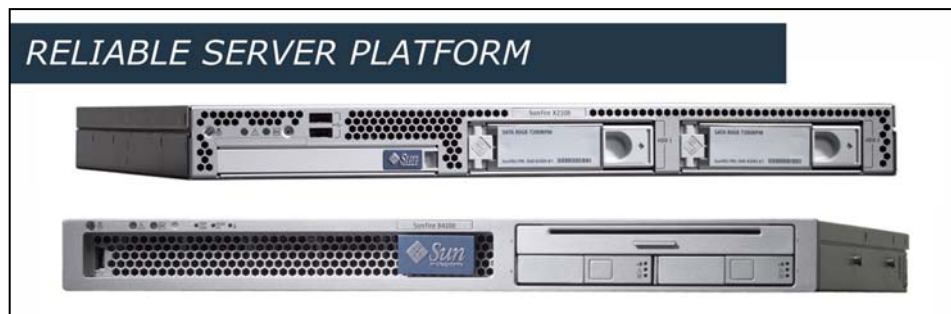
Keyprocessor has chosen the Sun Fire™ X2100 and the X4100 server platforms as its standard because of the robust and powerful features. The division of these characteristics are now better connected to the needs.

The Sun Fire™ X2100 for the *middle-end market* is equipped with a single core processor and extra memory capacity. The Sun Fire™ X4100 for the *high-end market*, where continuity stands first.

More reliability with the RAID

A security management system must be in operation and optimal functioning at all time. Reliability and continuity of the hardware and the operating system are hard requirements.

When choosing the Sun Fire™ X4100 server, the server is delivered standard with a hot swappable RAID 1 functionality. The RAID configuration operates with disk mirroring, which signifies that the data the data will be read and saved to both disks. In case of a failure on one of the two hard disks, this does not influence the working of the system. The broken disk can be easily replaced without disconnecting the system. The new disk is automatically supplied with all data.



Fast enough to handle the toughest iProtect™ system set up. Flexible enough to grow with your needs for years to come. Designed and priced to improve your total cost of ownership. In addition, support for web-based applications like iProtect™, it's a natural choice for building out your security management application. It's a powerful and reliable platform that provides investment protection for enterprises.

The Sun Fire™ X4100 is standard equipped with a RAID 1 Disk mirroring and a single-core processor. A second power supply, a double processor or even 2 dual-core processors with extra memory capacity belong to the options.



iProtect™

The Sun platform is ideal for running iProtect™. This security management system uses a web-based user interface and integrates security management features.

Power supply

Optional for the Sun Fire™ X4100 is that the server can be supplied with a second hot swappable power supply. When selecting the use of two power supplies, the second power supply is functioning when a power supply has a breakdown. This second power supply will then takes over and keeps the system running. The broken power supply can be replaced without turning off the system.

TECHNICAL SPECIFICATIONS

	Sun Fire™ X2100 server	Sun Fire™ X4100 server
		
Architectuur	-	8.0 GB/sec. HyperTransport link with 6.0 GB/sec. Access between processor and memory.
Processor	Single-core/dual-core AMD Opteron 100 Series processors. Standard single-core AMD Opteron 146 (2.0 GHz).	Up to 2 x single-core/dual-core AMD Opteron 200 Series processors, 1 MB level 2 cache per core. Standard 1 x 248 processor.
Geheugen (min./max.)	Up to 4 GB: 4 DIMM slots, DDR1/400 Unbuffered ECC DIMMs (128 bit plus ECC databus), 512 MB and 1 GB DIMMs available, installed in pairs. Standard 1 GB.	4 DIMM slots per CPU socket, DDR1/400 ECC registered DIMMs (128 bit plus ECC databus), total 8 DIMM slots, up to 8 GB per CPU. Standard 1 GB.
Ethernet poort	Dual Integrated 10/100/1000 Mbps Base-T Ethernet ports.	4 x 10/100/1000 Base-T Ethernet ports and 1 dedicated network management Ethernet port: 10/100 Base-T.
Internet interfaces	4 x Channel SATA interface, internal access only.	4 x Channel SAS interface, internal access only.
Bays	2 SATA HDD bays, 1 EIDE DVD-rom.	Hot-swappable, 2.5 inch SAS internal disks, RAID 0, 1 on-board, up to 2 HDDs with DVD-rom, up to 4 HDDs without DVD-rom.
Drives	1 x 73 GB SATA disk (10RPM).	2 x 73 GB SAS disk (10RPM).
I/O slots	1 x internal 64 bit PCI-Express slot (8-lane, half-height, short-length).	2 x internal MD2 low profile 64 bit PCI-X slots (1 at 100MHz, 1 at 133MHz).
Video	1 x video output.	1 x video output.
I/O poorten	USB: 2 x USB 2.0 ports (front), 4 x USB 2.0 ports, 1 x serial management port.	USB: 1 x USB 1.1 port (front), 2 x USB 1.1 ports (rear), 1 x serial management port.
Operating Systeem	Solaris 10 Operating System, 64 bit.	Solaris 10 Operating System, 64 bit.
Voeding	UL maximum (AC input) 5.13 amps, power supply rating (DC output) 300 W, typical power consumption 230 W.	Dual redundant, hot-swappable power supply (one standard).
Input	-	90-264 V AC (47-63 Hz).
Output	-	Maximum DC output: 550 W.
Mounting options	Mounting bracket with slide-rails.	Mounting bracket with slide-rails.
Omgeving		
Omgevingstemperatuur (single, nonrack system)	5 °C to 35 °C (41 °F to 95 °F), 10%-90% relative humidity, non-condensing, 27 °C maximum wet bulb.	5 °C to 35 °C (41 °F to 95 °F), 10%-90% relative humidity, non-condensing, 27 °C maximum wet bulb.
Afmetingen & gewicht		
Afmeting (H x B x D)	43 mm (1.69 in.) x 425.5 mm (16.75 in.) x 550 mm (21.68 in.).	43 mm (1.69 in.) x 425.5 mm (16.75 in.) x 632 mm (24.88 in.).
Gewicht	13 kg (28.7 lb.) maximum.	17.9 kg (39.3 lb.) maximum.



Subject to changes.

Ref.:

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