

Intel SASWT4I RAID controller PCI Express x4 3 Gbit/s

Brand : Intel

Product code: SASWT4I

Product name : SASWT4I

RAID Controller SASWT4I

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The economical Intel® RAID Controller SASWT4I offers exceptional entry-level hardware SAS/SATA RAID and non-RAID data off-load for server systems and workstations. This RAID controller allows for point-to-point connections with a SAS universal interconnect interface allowing for 1.5 and 3 Gb/s SATA hard disk drives along with logical SCSI compatibility for the extra reliability and manageability that SAS drives provide.

The SASWT4I leverages the LSI SAS1064E ASIC's advanced LSI Fusion-MPT architecture to provide entry-level hardware RAID. While other SAS controllers drive large RAID software stacks between the host CPU and controller, this RAID controller utilizes the embedded CPU in the LSI SAS1064E ASIC to perform integrated RAID 0, 1, and 1E/10E operations. By avoiding the PCI bus traffic and reducing RAID code overhead, the SASWT4I delivers world-class READ/WRITE operations.



Ports & interfaces		Technical details	
Supported storage drive interfaces *	SAS, Serial ATA	Status	Discontinued
Host interface *	PCI Express x4	Last change	63903513
Performance		End of life date announce	Thursday, February 14, 2013
RAID levels *	0, 1, 1E, 10	Expected discontinuance date	Dec 2013
Data transfer rate	3 Gbit/s	Last order date	Thursday, August 1, 2013
Form factor	Low Profile MD2 Card	Target market	Entry
JBOD function	✘	Weight & dimensions	
Number of devices supported	122	Width	167 mm
Export Control Classification Number (ECCN)	5A992C	Depth	63 mm
Commodity Classification Automated Tracking System (CCATS)	G134612	Height	1 mm
Processor		Logistics data	
Built-in processor	LSI1064e	Harmonized System (HS) code	8471801000
Processor model	LSI1064e	Other features	
Technical details		PCI Card form factor	Half-height (low-profile)
Data transfer rate	3072 Mbit/s	Connector(s)	4x SATA/SAS
PCI Express host interface	PCIe x4 Gen1	Ports quantity	4
Product name	Intel RAID Controller SASWT4I	Internal ports	4
Product type	RAID	Supported devices	SAS/SATA
		Market segment	Server
		RAID ARK ID	49597
		Product series	Intel® RAID Controllers



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