



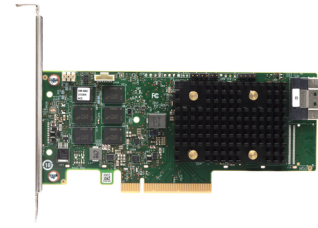
Lenovo 4Y37A09728 RAID controller PCI Express x8 4.0 12 Gbit/s

Brand : Lenovo

Product code: 4Y37A09728

Product name : 4Y37A09728

- PCIe 4.0 x8 host interface, also compatible with a PCIe 3.0 host interface
 - 12 Gbps SAS/SATA RAID controllers, based on the Broadcom MegaRAID 9560 adapter family
 - 4GB or 8GB of integrated flash-backed cache
 - RAID 940-8i supports up to eight internal SAS or SATA drives
- ThinkSystem RAID 940-8i 4GB Flash PCIe Gen4 12Gb Adapter

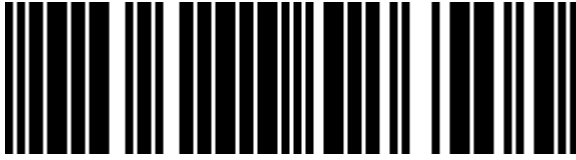


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The RAID 940 Series adapters all have a PCIe 4.0 host interface which doubles the bandwidth between the server and the adapter, compared to the previous generation RAID 930 adapters. This improves overall performance of the storage subsystem by supporting up to 3 million IOPS (JBOD mode) and up to 3 million IOPS in RAID (random reads).

RAID on Chip-based controllers such as the RAID 940 adapters have a dedicated processor that offloads all RAID functions from the server's CPU. With hardware acceleration for RAID 5 and 6 operations plus up to 8 GB dedicated memory for caching, the 940-8i, 16i and 32i offer the ultimate performance for ThinkSystem servers.

Ports & interfaces		Performance	
Supported storage drive interfaces *	SAS, Serial ATA	RAID levels *	0, 1, 5, 6, 10, 50, 60, JBOD
Host interface *	PCI Express x8	Data transfer rate	12 Gbit/s
PCI Express slots version	4.0	Chipset	Broadcom SAS3908
Internal SAS ports	8	JBOD function	✓
Internal SATA ports quantity	8	S.M.A.R.T. support	✓
Logistics data			
Harmonized System (HS) code		84733080	



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