



Lenovo 7Y37A01085 RAID controller PCI Express x8 3.0 12000 Gbit/s

Brand : Lenovo

Product code: 7Y37A01085

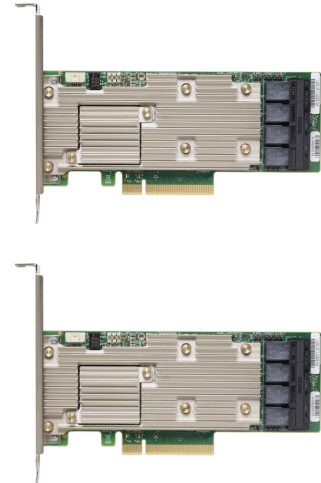
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ThinkSystem RAID 930-16i 4GB Flash PCIe 12Gb Adapter

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The ThinkSystem RAID 930 family of internal 12 Gbps SAS RAID controllers are high-performance RAID-on-chip (ROC) adapters. These adapters support RAID levels 0/1/10/5/50/6/60, and include an extensive list of RAS and management features.

This product guide provides essential presales information to understand the ThinkSystem RAID 930-4i, 8i, 16i and 24i adapters and their key features, specifications, and compatibility. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the adapters and consider their use in IT solutions.



Ports & interfaces		Performance	
Supported storage drive interfaces *	SAS, Serial ATA III	Compatible products	ST550, SR550, SR570, SR590, SR630, SR650, SR850, SR860, SR950
Host interface *	PCI Express x8		
PCI Express slots version	3.0	Processor	
Internal mini-SAS HD ports	4	Built-in processor	✓
		Processor family	LSI
Performance		System requirements	
RAID levels *	0, 1, 10, 5, 50, 6, 60	Compatible operating systems	Microsoft Windows Server 2012 R2
RAID Level Migration	✓		Microsoft Windows Server 2016 Red Hat Enterprise Linux 6 Server x64
Data transfer rate	12000 Gbit/s		Edition Red Hat Enterprise Linux 7
SSD support	✓		SUSE Linux Enterprise Server 11 for AMD64/EM64T SUSE Linux
Internal memory	4000 MB		Enterprise Server 11 with Xen for AMD64/EM64T SUSE Linux
Chipset	LSI SAS3516		Enterprise Server 12 SUSE Linux
S.M.A.R.T. support	✓		Enterprise Server 12 with XEN
Number of devices supported	16		VMware vSphere ESXi 6.0 VMware
Online Capacity Expansion	✓		vSphere ESXi 6.5
Hot-swap	✓		
	FCC Part 15 Class A Australia/New Zealand (AS/NZS CISPR 22) Canada (ICES-003 Class B) Europe (EN55022/EN55024) Japan (VCCI V-3) Korea (RRA no 2013-24 & 25) RoHS compliant EN/IEC/UL 60950 Taiwan (CNS 13438) USA (FCC 47 CFR part 15 Subpart B class B) WEEE	Operational conditions	
Certification		Operating temperature (T-T)	10 - 55 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	20 - 90%
		Storage relative humidity (H-H)	5 - 95%
Logistics data			
		Harmonized System (HS) code	84733080
Other features			
		PCI Card form factor	Full-height (low-profile)



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