




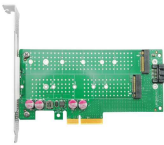
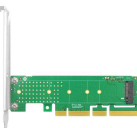
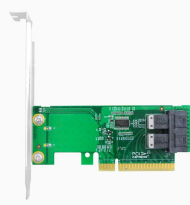



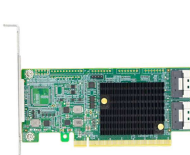
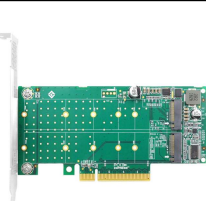

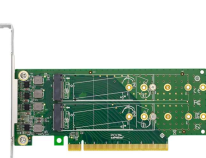
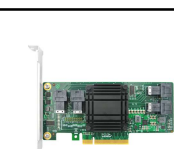

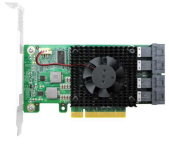


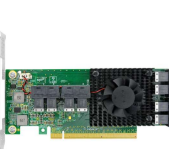
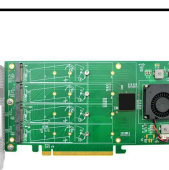
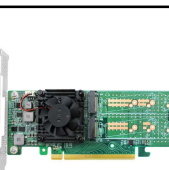
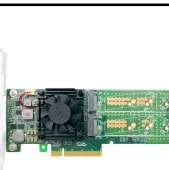
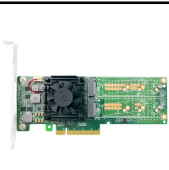
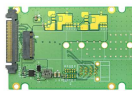
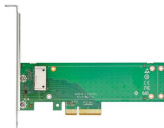



Linkreal Product List

PCIE U.2 & M.2 SSD NVMe Adapter				
No.	Product Model	Image	Product Name	Specification
1	LRNV9411		U.2 to PCIe Adapter for 2.5" U.2 NVMe SSD	Interface Type:U.2 Connectors Support Equipment:PCIe U.2 NVMe SSD Host Bus Type:PCIe 3.0 x4
2	LRNV9611		PCIe 3.0 x4 to U.2 NVMe Adapter Card	Interface Type:1*SFF-8643 Connector Support Equipment:1*NVMe SSD Host Bus Type:PCIe 3.0 x4
3	LRNV5611		M.2 to U.2 NVMe Adapter	Interface: 1*SFF-8643 Support Equipment: 1*NVMe SSD Host Bus Type: PCIe 3.0 x4 M.2 M Key
4	LRNV94N8		PCIe to 2*U.2 NVMe SSD Adapter	Interface Type:2*U.2 Connectors Support Equipment:PCIe U.2 NVMe SSD Host Bus Type:PCIe 3.0 x8
5	LRNV94NF		PCIe to 4*U.2 NVMe SSD Adapter	Interface Type:4*U.2 Connectors Support Equipment:PCIe U.2 NVMe SSD Host Bus Type:PCIe 3.0 x16
6	LRNV9511		2 Port PCIe 4.0 x4 to M.2 NVMe SSD NGFF Adapter Card	Interface Type:1*M.2 M Key & 1*M.2 B Key(SATA) Support Equipment:1*M.2 NVMe SSD & 1*M.2 SATA SSD(2230,2242,2260, 2280 ,22110mm) Host Bus Type:PCIe 4.0 x4 & SATA
7	LRNV9511-G2		PCIe4.0 x4 to NGFF M.2 SSD Adapter	Interface: 1*M.2 M Key Support Equipment:1*M.2 NVMe SSD in Size 2230,2242,2260,2280 and 22110mm Host Bus Type: PCIe 4.0 x4
8	LRNV93N8		2 Port PCIe 3.0 x8 to U.2 NVMe SFF-8643 Adapter Card	Interface Type:2*SFF-8643 Connectors Support Equipment:2*U.2 NVMe SSD Host Bus Type:PCIe 3.0 x8 Ps. Motherboards BIOS needs to have PCIe Bifurcation Mode Support




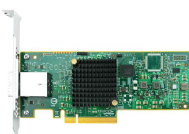





No.	Product Model	Image	Product Name	Specification
9	LRNV93NF		4 Port PCIe 3.0 x16 to U.2 NVMe SFF-8643 Adapter Card	Interface Type:4*SFF-8643 Connectors Support Equipment:4*U.2 NVMe SSD Host Bus Type:PCIe 3.0 x16 Ps. Motherboards BIOS needs to have PCIe Bifurcation Mode Support
10	LRNV9F12		PCI Express 4.0 x8 to Two SlimSAS SFF-8654 4i Adapter	Interface Type:2*Slim SAS SFF-8654 4i Support Equipment: Up to 2* PCIe 4.0 U.2 NVMe SSD Host Bus Type: PCIe 4.0 x 8 Ps. Motherboards and BIOS Support Bifurcation required
11	LRNV9F14		PCI Express 4.0 x16 to Two SlimSAS SFF-8654 8i Adapter	Interface Type:2*Slim SAS SFF-8654 8i Support Equipment: Up to 4* PCIe 4.0 U.2 NVMe SSD Host Bus Type: PCIe 4.0 x 16 Ps. Motherboards and BIOS Support Bifurcation required
12	LRNV9F24		PCI Express 4.0 x16 to Two SlimSAS SFF-8654 8i Retimer Adapter	Interface Type:2*Slim SAS SFF-8654 8i Support Equipment: Up to 4* PCIe 4.0 U.2 NVMe SSD Host Bus Type: PCIe 4.0 x 16 Ps. Motherboards and BIOS Support Bifurcation required
13	LRNV95N8		2 Port PCIe 4.0 x8 to M.2 NVMe Adapter Card	Interface Type:2*M.2 Connectors Support Equipment:2*M.2 NVMe SSD for 2230, 2242, 2260, 2280 and 22110mm Host Bus Type:PCIe 4.0 x8 Ps. Motherboards BIOS needs to have PCIe Bifurcation Mode Support
14	LRNV95NF		Quad PCIe 4.0 x16 to M.2 NVMe Adapter Card	Interface Type:4*M.2 Connectors Support Equipment:4*M.2 NVMe SSD for 2230, 2242, 2260 and 2280mm Host Bus Type:PCIe 4.0 x16 Ps. Motherboards BIOS needs to have PCIe Bifurcation Mode Support
15	LRNV95NF-L		PCIe x16 to 4-Port M.2 NVMe SSD Adapter- Low Profile	Interface Type:4*M.2 Connectors Support Equipment:4*M.2 NVMe PCIe 4.0 SSD for 2230, 2242, 2260,2280 and 22110mm Ps. Motherboards and BIOS Support PCIe Bifurcation required
16	LRNV9324-4I		4 Port U.2 to PCI Express x8 SFF-8643 NVMe Adapter	Main Chipset:PLX 8724 Interface Type:4*SFF-8643 Connectors Support:4*NVMe SSD or PCIe adapter card Host Bus Type:PCIe 3.0 x8


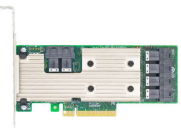
No.	Product Model	Image	Product Name	Specification
17	LRNV9347L-2I		2 Port PCIe 3.0 x8 to U.2 SFF-8643 NVMe Adapter Card	Main Chipset: PLX 8747 Interface Type: 2*SFF-8643 Connectors Support: 2*NVMe SSD or PCIe adapter card Host Bus Type: PCIe 3.0 x 8
18	LRNV9347L-4I		4 Port PCIe 3.0 x8 to U.2 NVMe SSD Adapter	Main Chipset: PLX 8747 Interface Type: 4*SFF-8643 Connectors Support: 4*NVMe SSD or PCIe adapter card Host Bus Type: PCIe 3.0 x 8
19	LRNV9347-4I		4 Port PCIe 3.0 x16 to U.2 NVMe SSD Adapter	Main Chipset: PLX 8747 Interface Type: 4*SFF-8643 Connectors Support: 4*NVMe SSD or PCIe adapter card Host Bus Type: PCIe 3.0 x 16
20	LRNV9349-8I		8 Port PCIe 3.0 x16 to Internal SFF-8643 NVMe Adapter Card	Chipset: PLX 8749 Interface Type: 8*SFF-8643 Connectors Support Equipment: 8 Port NVMe SSD or 8 Port PCIe x4 or 4 Port PCIe x8 or 2 Port PCIe x16 Host Bus Type: PCIe 3.0 x16
21	LRNV9348-8I		PCI Express x16 to 8 U.2 SFF-8643 NVMe SSD Adapter Card	Chipset: PLX 8748 Interface Type: 8*SFF-8643 Connectors Support Equipment: 8 Port NVMe SSD or 8 Port PCIe x4 or 4 Port PCIe x8 or 2 Port PCIe x16 Host Bus Type: PCIe 3.0 x16
22	LRNV9547-4I		Quad PCIe 3.0 x16 to M.2 NVMe SSD Adapter(Without SSD)	Main Chipset: PLX 8747 Interface Type:4*M.2 Connectors Support Equipment: 4*NVMe SSD for 2230,2242,2260 and 2280mm Host Bus Type: PCIe 3.0 x16
23	LRNV9547L-4I		PCI Express x16 to Quad M.2 NVMe SSD Switch Adapter	Chipset: PLX 8747 Interface Type:4*M.2 Connectors Support Equipment: 4*NVMe SSD for 2242,2260,2280mm Host Bus Type: PCIe 3.0 x16
24	LRNV9547LP-2I		PCI Express x 8 to Dual M.2 NVMe SSD Switch Adapter	Chipset: PLX 8747 Interface Type:2*M.2 Connectors Support Equipment: 2*M.2 NVMe SSD for 2242,2260,2280mm Host Bus Type: PCIe 3.0 x 8
25	LRNV9547LP-4I		PCI Express x 8 to Quad M.2 NVMe SSD Switch Adapter	Chipset: PLX 8747 Interface Type:4*M.2 Connectors Support Equipment: 4*NVMe SSD for 2242,2260,2280mm Host Bus Type: PCIe 3.0 x 8

No.	Product Model	Image	Product Name	Specification
26	LRNV45N1		U.2 to M.2 NVMe Adapter Card	Interface Type:1*M.2 NVMe Connector Support Equipment:1*M.2 NVMe SSD for 2230, 2242, 2260, 2280 and 22110mm Host Bus Type:U.2(SFF-8639) Connector
27	LRNV9EN4		Pcie 4.0 x4 to NVMe EDSFF 1U short E1.S Adapter	Interface: 1*EDSFF Support: 1*NVMe SSD Host Bus Type:PCIe 4.0 x4
28	LRNV35N4-8I		8 Port M.2 SSD Testing Board	Interface: 8*M.2 M Key Supported Device: 8 M.2 NVMe SSD





SAS/SATA HBA and RAID Controller Card

1	LRST9630-4IR X4		4 Port 6Gb/s PCIe x4 to SATA 3 RAID Card	Main Chipset: Marvell 88SE9230 Interface Type: 1*SFF-8087 Connectors Support Equipment: 4*SATA SSD 6Gb/s Host Bus Type: PCIe 2.0 x4 RAID Level: RAID 0,1
2	LRST9630-2M2S		Dual 6Gb/s PCIe x4 to M.2 SATA 3 RAID Controller Card	Main Chipset: Marvell 88SE9230 Interface Type: 2*M.2&2*SATA Connectors Support Equipment: 4*SATA SSD 6Gb/s Host Bus Type: PCIe 2.0 x4
3	LRST9608-4M4S		PCIe 2.0 x8 to 8-Port M.2 SATA 3.0 RAID Controller Card	Main Chipset: SAS2008 Interface Type: 4*SATA&4*M.2 Connectors Support Equipment: 8*SATA SSD Host Bus Type: PCIe 2.0 x 8
4	LRST9608-8S X1		PCIe x1 to 8 Port SATA 6Gb/s SAS/SATA Expansion Card	Main Chipset: SAS 2008 Interface: 8*SATA Support: 8*SAS/SATA 6Gb/s Devices Height: Support 2U or 3U
5	LRST9608-8S X8		PCIe x8 to 8 Port SATA 6Gb/s SAS/SATA Expansion Card	Main Chipset: SAS 2008 Interface: 8*SATA Support: 8*SAS/SATA 6Gb/s Devices Height: Support 2U or 3U
6	L RSA9608-8E		8 Port PCIe x8 to External SAS/SATA 6Gb/s Expansion Card	Main Chipset: SAS 2008 Interface Type: 2*Mini-SAS (SFF-8088) connector Host Bus Type: PCI Express 2.0 x8



No.	Product Model	Image	Product Name	Specification
7	LRSA9608-8I		PCIe x8 to 8 Port SAS/SATA 6Gb/s Expansion Card	Main Chipset: SAS 2008 Interface: 2*SFF-8087 Supported Device: 8 SAS/SATA 6Gb/s Height: 2U、3U
8	LRSA9608-8IR		8 Port PCIe x8 to SAS/SATA RAID Card	Main Chipset: SAS 2008 Interface Type:2*4Mini-SAS(SFF-8087) Support Equipment: 16*SATA/SAS connectors RAID Level: RAID 0, 1, 1E and 10
9	LRSA9C08-8I		8 Port PCIe x8 to Internal SAS/SATA SFF8643	Main Chipset: SAS 3008 Interface Type: 2*4Mini-SAS(SFF-8643) Support Equipment: 8*SAS/SATA/SSD 12Gb/s
10	LRSA9C08-8E		PCIe x8 to SAS/SATA Expansion Card	Main Chipset: SAS 3008 Interface Type:2*Mini-SAS HD (SFF-8644) Host Bus Type:PCIe 3.0 X8
11	LRSA9C08-8IR		8 Port PCIe x8 to SAS/SATA/SSD/SFF-8643 RAID Card	Main Chipset:SAS 3008 Interface Type:2*4Mini-SAS(SFF-8643) Support Equipment: 8*SAS/SATA/SSD 12Gb/s Height:2U、3U RAID Level: RAID 0、1、10、JBOD
12	LRSA9638-8IR		8 Port PCIe x8 to SFF-8087 6Gb/s RAID Card	Main Chipset:SAS 2308 Interface Type:2*4Mini-SAS(SFF-8087) Support Equipment: 8*6Gb/s SAS SSD RAID Level: RAID 0、1、10 and 1E
13	LRSA6X36-24I		24 Port SFF-8087/8088 SAS/SATA Expansion Card	Main Chipset:SAS2X36 Internal Interface:6*4Mini-SAS(SFF-8087) External Interface:2*Mini-SAS(SFF-8088) Support Equipment: 24*SAS/SATA/SSD 6Gbps
14	LRSACX36-24I		24-Port 12G SAS Expansion Card	Main Chipset: SAS35X36 Interface Type:6*SFF-8643 x4 Connectors Support Equipment:24*SAS 12Gb/s or SATA 6Gb/s HDD Host Bus Type:2*SFF-8643 x4
15	LRSA9616-16I		PCIe x8 to 16 Port SFF-8087 6Gb/s Expansion Card	Main Chipset: SAS 2116 Interface: 4*SFF-8087 Support Equipment: 16 SAS/SATA SSDs



No.	Product Model	Image	Product Name	Specification
16	LRSA9624-24I		PCIe x8 to 24 Port SFF-8087 6Gb/s Expansion Card	Main Chipset: SAS 2008 + SAS2X36 Interface: 6*SFF-8087 Support Equipment: 24 SAS/SATA SSDs
17	LRSA9C24-24I		12Gb/s PCIe x8 to 24 Port SAS SATA HBA Controller Card	Chipset: SAS3224 Interface: 6*SFF-8643 Support: 24 SAS/SATA HDD

USB3.1/3.0 PCIe Controller


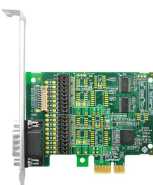



1	LRSU9A42-2A		2 Port 10Gb/s PCIe x4 USB3.1 Adapter Card	Main Chipset: ASMedia 1142 Interface Type: Type A+A Connectors Host Bus Type: PCIe x4 Transfer Speed: 10Gb/s
2	LRSU9A72-2A		2 Port 5Gb/s PCIe x1 USB3.0 Adapter Card	Main Chipset: NEC upd720202 Interface Type: 2*USB3.0 Type A Connectors Host Bus Type: PCIe2.0 x1 Transfer Speed: 5Gb/s
3	LRSU9A72-4A		4 Port 5Gb/s PCIe x4 USB3.0 Adapter Card	Main Chipset: NEC uPD720202 Interface Type: 4 USB 3.0 Type Connectors Host Bus Type: PCIe 2.0 x4 Transfer Speed: 5Gb/s
4	LRSU9A71-4A		4 Port PCIe x1 USB3.0 5Gb Adapter	Chipset: NEC uPD720201 Interface: 4*USB3.0 Type-A Transfer Rate: 5Gb/s Host Bus Type: PCIe 2.0 x1

SAS/SATA Expansion Converter


1	LRFC7722		2 Port SFF-8088 to SFF-8087 Transfer Card	Interface Type: 2*SFF-8088&2*SFF-8087 Connectors
2	LRFC4622		2 Port SFF-8644 to SFF-8643 Transfer Card	Interface Type: 2*SFF-8644&2*SFF-8643 Connectors









No.	Product Model	Image	Product Name	Specification
3	LRFC6911		1 Port SFF-8643 to PCIe x16 Slot Adapter	Interface Type: 1*SFF-8643+4PIN Power Socket (12V) Connectors Interface Bus Type: 1*PCIe x16 slot (x4 bandwidth) Dimension: 120mm*42mm
4	LRFC6941		4 Port SFF-8643 to PCIe x16 Slot Adapter	Interface Type:4*SFF-8643+4PIN Power Socket(12V) Connectors Interface Bus Type:1*PCIe x16 slot Dimension: 120mm*42mm

UART Convert Card

1	LRUA9252H-232		PCIe to 2-Port RS-232 Serial Card	Connector:2*DB9Pin Connector Cable: DB9 9Pin Flat Data Cable Support:2*RS-232 Connector Host Bus:PCIe 2.0 x1
2	LRUA9252L-232		PCIe to 1-Port RS-232 Serial Card	Connector:1*DB9Pin Connector Cable:DB9 9Pin Flat Data Cable Support:1*RS-232 Connector Host Bus:PCIe 2.0 x1
3	LRUA9258-232		8 Port PCIe x1 to RS-232 Series Adapter	Interface Type: 1*68Pin VHDCI Interface Cable: 68Pin VHDCI to 8 DB9 Support Equipment: 8*RS-232 Series Ports Host Bus Type: PCIe 2.0 x1
4	LRUA9254-232		4 Port RS232 PCI Express Serial Card	Interface Type: 1*44Pin VHDCI Cable Support: 44Pin VHDCI to 4 DB9 Device Support: 4*RS232 connector Host Bus Type: PCIe 2.0 x1
5	LRUA9254-485		PCIe x1 to 4-Port RS-485 Serial Card	Interface Type: 1*44Pin Cable Support: 44Pin to 4 DB9 Device Support: 4*RS485 connector Host Bus Type: PCIe 2.0 x1

Super Speed Mini SAS Cables

1	SFF-8643/SFF-8639		HD Mini-SAS(SFF-8643) to U.2 (SFF-8639) Cable-80CM	Regular size:80CM Transmission rate:12Gb/s
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No.	Product Model	Image	Product Name	Specification
2	SFF-8643/4 SATA		Internal HD Mini SAS SFF-8643 to 4SATA Cable-60/80CM	Regular size: 60/80CM Transmission rate: 6Gb/s
3	SFF-8087/SFF- 8643		Internal Mini SAS SFF- 8087 to SFF-8643 Cable - 1M	Regular size: 1M Transmission rate: 12Gb/s
4	SFF-8087/SFF- 8087		Internal Mini SAS SFF- 8087 to SFF-8087 Cable - 35/60/80CM/1M	Regular size: 35/60/80CM/1M Transmission rate:6Gb/s
5	SFF-8643/SFF- 8643		HD Mini-SAS to HD Mini- SAS(SFF-8643 to SFF- 8643) 60CM Cable	Straight and RA types cable plug optional 4I & 8I optional
6	SFF-8087/4 SATA		Internal Mini SAS SFF- 8087 to 4SATA Cable- motherboard end 80CM	Regular size: 80CM Transmission rate:6Gb/s
7	SFF- 8654/2*SFF- 8639		PCIe 4.0 SlimSAS 8i (SFF- 8654) to Two U.2 SFF- 8639 Cable	Regular Size: 70CM Transmission Rate: 24Gb/s
8	SFF-8654 8i/8654 8i		PCIe 4.0 SFF-8654 8i to SFF-8654 8i Cable	Regular Size: 80CM Transmission Rate: 24Gb/s
9	SFF-8654 4i/8654 4i		High Speed SAS SFF- 8654 4i to SFF-8654 4i Cable	Regular Size: 80CM Transmission Rate:24Gb/s