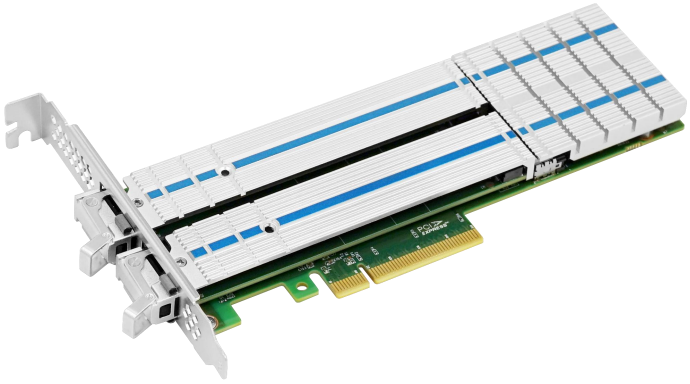
LRSV9310-2ER

PCIe x8 to 2P M.2 NVMe Adapter (Marvell 88NR2241B0 Based)



Product Features

- PCIe 3.0 (compatible with PCIe v1.0 /1.1 & 2.0);

-Support PCIe NVMe protocol;

-Support RAID 0 ,RAID 1, JBOD;

-Support 2280,22110 SSD;

-Support Hot-Swap ,Easy to install and remove SSD;

Product Description

The LRSV9310-2ER is a PCIe x8 to 2Port M.2 NVMe Adapter designed by Linkreal Co., Ltd. based on Marvell 88NR2241B0. Designed for systems requiring high-speed data transmission and flexible storage configurations, the adapter supports two M.2 NVMe SSDS and is compatible with a variety of M.2 SSD sizes, including 2280, and 22110, ensuring that users can choose the most suitable storage device based on actual requirements. In addition, the LRSV9310-2ER provides a variety of RAID configuration modes, including RAID 0, RAID 1 and JBOD, to meet the performance, data protection and capacity expansion requirements of different application scenarios.

The LRSV9310-2ER also has SSD hot-swappable function, which greatly improves system availability and maintenance efficiency. In addition, the array card uses an innovative rail pull structure design, making the SSD installation and removal process easier and faster, reducing the difficulty and time cost of operation, but also reduce the risk of hardware damage caused by improper operation, providing users with a more reliable and convenient storage solution for data centers, high-performance computing and high-end workstations.

Technical Specifications

Model	LRSV9310-2ER	
Bus Type	PCIe 3.0 x8	
I/O Controller	Marvell 88NR2241B0	
External Port	2*M.2 (2280/22110mm)	
Interface	2	
Transfer Speed	64Gbps	
Power(min)	7.644W	
Power(max)	12.78W	
RAID	RAID 0, RAID 1,JBOD	
Device Connector	M.2 M-key	
Host Bus	PCIe x8, compatible with x16	
Operating System Support	* Windows 10/11 * Windows Server 2019/2022 * RHEL/Centos7.6/7.9/8. 2 /8.3 * Deepin 15.11/ 20/20.6/20.9 * Ubuntu 16.04.3/18.04.5 * Ubuntu 20.04.1/ 22.04.2 * SUSE 12.5/15 SP4 * NewStartOS3.2.2/5.0.5	* Galaxy Unicorn v10 * NeoKylin 7.6 * Zhongke Fangde desktop OS 4.0 * Zhongke Fangde server OS * YMOS * OpenKylin 0.7.5 * VMware ESXi 6.5/ 6.7/7.0

Working parameters

Operating Temperature	5℃ - 50℃ (41℉ - 122℉)
Storage Temperature	-25℃ - 70℃ (-13℉ - 158℉)
Humidity	90% non-condensing relative humidity at 35°C

Physical properties

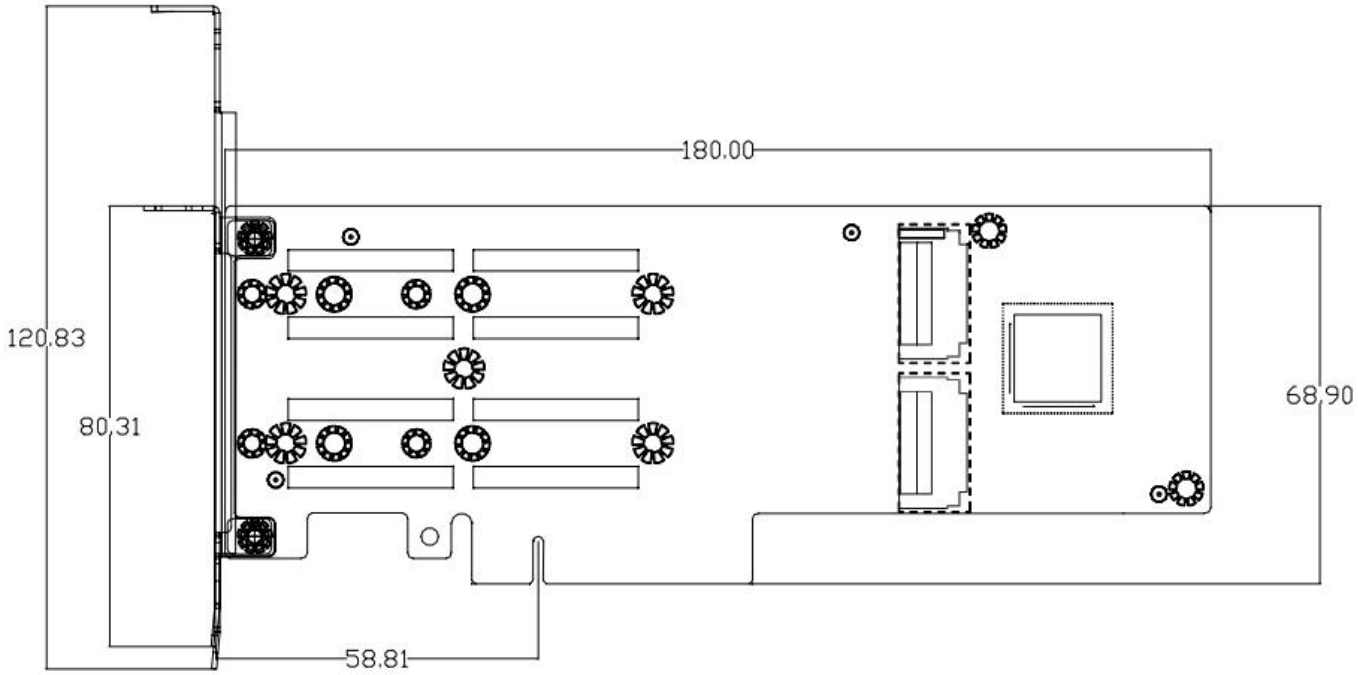
PCB Size(Unit:mm)	68.9 * 180 * 1.6
Package Size (Unit: mm)	250 * 170 * 32

Packing list

Baffle specifications	Full bracket(installed) and Low bracket
Network card	*1
Product warranty card	*1
Packing	Carton and Anti-static Bag

* Product appearance and specifications are subject to change without nonce.

Dimensions(Unit:mm)



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