

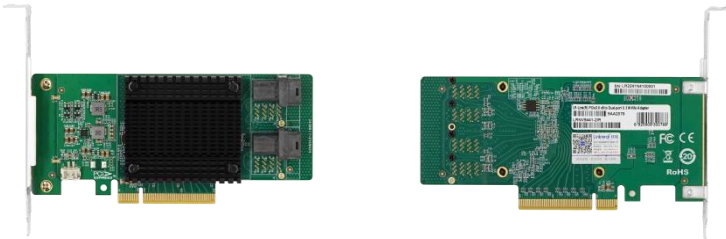
LRNV9441-2IR

PCIe3.0 x8 to Dual-port U.2 NVMe Adapter (Marvell 88NR2241 Based)



Product Features

- PCIe 3.0 support (8GT/s);
- Support NVMe protocol;
- Support RAID 0, RAID 1, JBOD;
- Support up to two physical SSDs;



Product Description

LRNV9441-2IR is a PCIe 3.0 x8 to dual-port U.2 NVMe adapter developed based on the Marvell 88NR2241 main control solution. It supports PCIe 3.0 x8 slots, providing bandwidth up to 8GB/s to ensure high efficiency and low latency of data transmission, fully meeting the demand for high-speed storage. LRNV9441-2IR uses the NVMe protocol. Compared with the traditional SATA interface, the NVMe protocol has lower latency and higher bandwidth, further improving storage performance. It also supports multiple RAID modes, including RAID0, RAID1, JBOD, allowing users to flexibly select RAID levels according to specific needs, thereby achieving efficient data backup and multiple protection mechanisms to ensure data integrity and reliability. At the same time, it is equipped with two U.2 interfaces, supports the parallel connection of two NVMe storage devices, can flexibly configure a variety of storage solutions, and provides ultra-large storage capacity and extremely high data transmission speeds. It also supports hot swapping, is compatible with mainstream operating systems and server platforms, provides high scalability, and can meet the needs of a variety of application scenarios. LRNV9441-2IR provides users with a stable and secure data storage environment, supports flexible deployment options, and can be used in various scenarios such as data centers, servers, and workstations to meet the storage needs of different users.

Technical Specifications

Model	LRNV9441-2IR	
Bus Type	PCIe3.0 x8	
I/O Controller	Marvell 88NR2241	
External Port	U.2	
Interface	2	
Transfer Speed	64Gbps	
Power(min)	4.896W	
Power(max)	5.076W	
RAID	RAID 0, RAID 1, JBOD	
Host Bus	PCIe x8, compatible with x16	
Operating System Support	<div><div><ul style="list-style-type: none">* 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 18.04.5 /20.04.1 /22.04.3* SUSE 12.5/15 SP4* VMware ESXi 6.5 /6.7 /7.0* ZTE New Fulcrum 3.2.2 /5.0.5</div><div><ul style="list-style-type: none">* Asianux Server v7.0* Galaxy Unicorn v10* Zhongke Fangde desktop operating system 4.0* Zhongke Fangde server operating system* Emind OS* OpenKylin 0.7.5</div></div>	

Working parameters

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

Physical properties

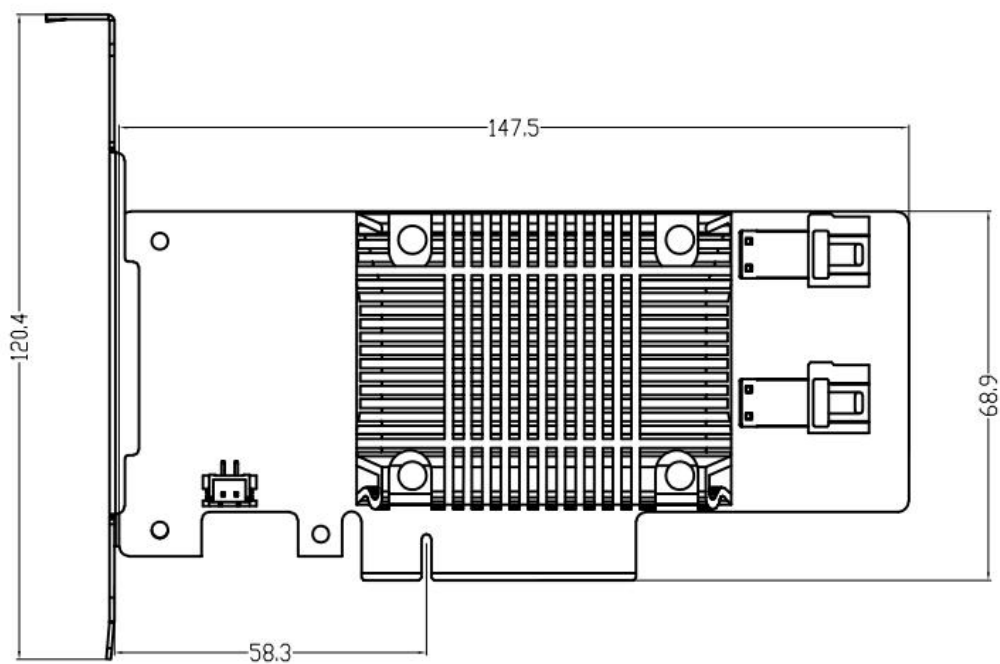
PCB size(unit:mm)	147.5*68.9*1.6
Package size (unit: mm)	222*147*28

Packing list

Baffle specifications	Full bracket(installed) and Low bracket
Network card	*1
Product warranty card	*1
Packing	Carton and Blister box

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

Dimensions



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