

M.2 (A+E Key) to SATA3.0 Expansion Card for LattePanda Delta/Alpha

FIT0771

Product Overview

11/07/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

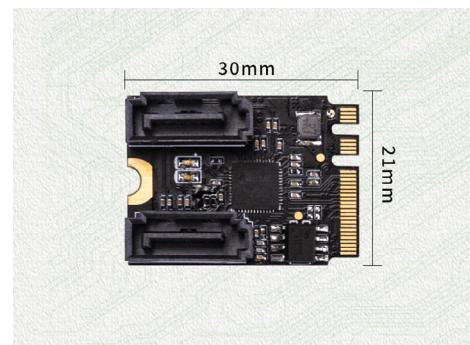
DFRobot M.2 (A+E Key) to SATA3.0 Expansion Card for LattePanda Delta/Alpha is a two-port adapter expansion card that can transfer out 2 SATA ports through the M.2 (A+E Key) slot of the PC host. LattePanda Delta/Alpha users can connect two SATA ports' solid-state drives or hard disk drives through SATA data cable at the same time. This expansion card features integrated outstanding PCIe3.1 bus bandwidth that provides a faster data transmission speed and is committed to providing LattePanda Alpha users with faster speed, lower power consumption, high reliability, and high-performance storage solutions.



The M.2 (A+E Key) to SATA3.0 expansion card is equipped with two standard SATA interfaces. Users only need to insert this card into the M.2 slot of the motherboard, and then connect two SATA interface SSD solid-state drives or hard disk drives at the same time through the SATA data cable. This expansion card is compatible with Windows7 (X86/X64); Windows8/8.x/10 (X86/X64) (Windows built-in driver); Linux operating system. It can be widely used in LattePanda Delta/Alpha, PC computers, servers, industrial computers, and various storage devices.

Specifications

- Supports one channel of PCI Express
- Support NGFF (M.2) 2230 key A/E
- Compliant with PCI Express basic specification revision 3.1a
- Support PCI Express link-layer energy-saving mode
- Support 2 SATA ports
- M.2 A+E Key
- Support port multiplier
- Compliant with SATA specification revision 3.2
- Support command-based and FIS-based port multipliers
- Support AHCI mode and IDE programming interface
- Support native command queue (NCQ)
- Support SATA link energy-saving mode (partial and hibernation)
- Support SATA plug-in detection function



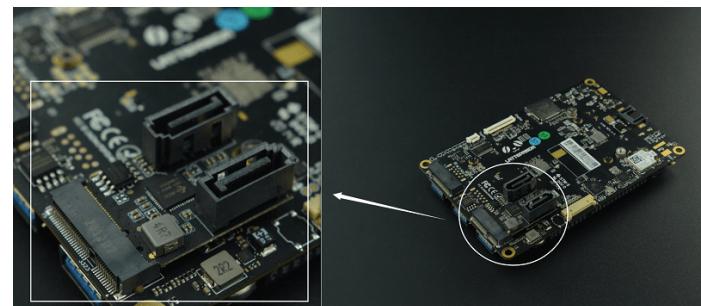
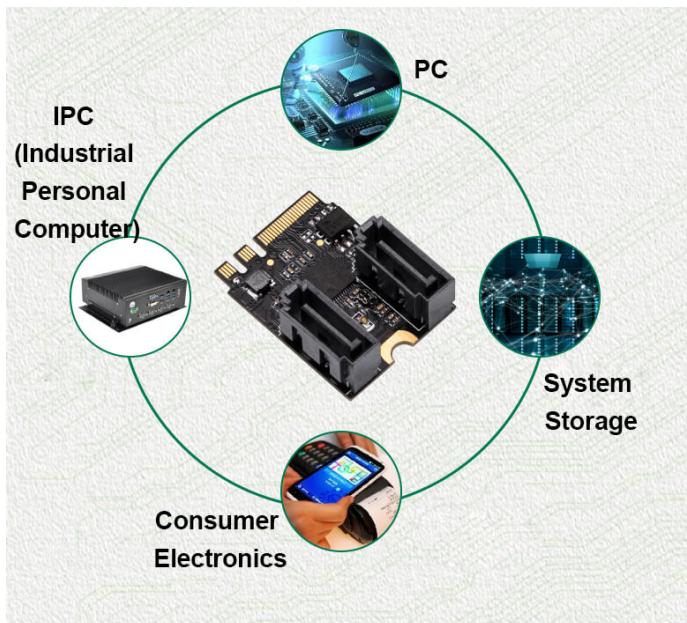
Specifications

- Support drive power control and staggered rotation
- Support SATA Partial / Slumber power management status
- Size:
30mm*21mm/1.18*0.83"

Kit Contents

- 1x M.2 (A+E Key) to SATA3.0 Expansion Card
- 1x User Manual
- 1x SATA Cable
- 1x M.2 Screw

Product Overview



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fit0771-expansion-card/>