# Single Board Computer

***Peripherals***

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***PCI Express Power over Ethernet card, 4-port 1000 Base(T), 802.3af compliant***

**IPCIE-4POE**

# *Features*

* PCI Express® x4 compliant
* Support for IEEE 802.3af for PoE (Power over Ethernet) with 15.4 watts per port
* Support link aggregation/jmbo frames (9 Kbyte)
* Supports 12~24 AT/ATX DC input power

***Dimensions (mm)***

# *Specifications*

Interface: PCI Express® x4 Ethernet

Intel® i210 AT controller

9kB jumbo frame

IEEE 802.3az, IEEE1588

PoE Capability IEEE 802.3af

15.4W / 48V DC per port

# *Packing List*

PWR Input 12~24V DC input

Internal DC input (2x2 ATX) External DC input (Φ2.1/Φ5.5)

Operating Temperature: 0°C ~ 60°C Storage Temperature: -10°C ~ 70°C

Operating Humidity: 5% ~ 95%, non-condensing CE/FCC compliant

# *Ordering Information*

|  |  |
| --- | --- |
| Part No. | Description |
| IPCIE-4POE-R10 | PCI Express Power over Ethernet card, 4-port 1000 Base(T), 802.3af compliant |
| 63040-010090-120-RS | Adapter power, FSP, FSP090-DIEBN2, 9NA0904712, Vin:90~264VAC, 90W, Plug=7.5mm, Cable=1500mm, Erp (no load 0.5W), Vout: 19VDC, Φ2.1/Φ5.5/lock, CCL, RoHS |
| 63040-010065-200-RS | Adapter power, FSP, FSP065-REBN2, 9NA0654709, Vin: 90~264VAC, 65W, Dim: 46.3x108.3x30mm, Plug=7.5mm,Cable=1500mm, Erp (no load 0.1W), Vout: 19VDC, Φ2.1/Φ5.5/lock, CCL, RoHS |

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| 1 x IPCIE-4POE card |
| 1 x QIG |

***PCIe Mini USB 3.1 Gen 1 (5Gb/s) Adapter Card, RoHS***

**MPCIE-USB3**

**IEI USB 3.1 Gen 1 (5Gb/s) Expanded Solution**

The MPCIE is applied to add additional super speed USB 3.1 Gen 1 (5Gb/s) ports for the motherboard with a PCIe Mini slot.

**ASM1042**

## Power adapter cable

**Motherboard with PCIe Mini Slot**

***Specifications***

Form Factor

PCI Express Mini card

## USB 3.1 Gen 1 (5Gb/s) cable

Operating Temperature

-10°C ~ 60°C

# *Features*

## MPCIE-USB3

5V

Power Input

Two USB 3.1 Gen 1 Ports

USB 3.1 Gen 1 (5Gb/s) Controller Asmedia ASM1042A

Internal Connector

1 x 20-pin (2x10) box header Power Jack

1 x 4-pin box header

Compatible OS

Windows® XP/Server 2003/Server 2008/Vista/7/8.1/10 Linux kernel version 2.6.32 above

# *Packing List*

Operating Humidity

5% ~ 95%, non-condensing Dimensions (LxW)

50 mm x 30 mm

Weight 70g

CE/FCC compliant

* Supports two external USB 3.1 Gen 1 (5Gb/s) type A ports
* USB 3.1 Gen 1 (5Gb/s) provides up to 5Gbps of transferring rate
* Backward compatible with USB 2.0 and USB 1.0/1.1 devices
* Fully compliant with USB 3.1 Gen 1 (5Gb/s) rev 1.0 specifications and Intel® xHCI rev

0.96 specifications, with transfer rates up to 5Gbps

* Compliant with PCI Express Mini specification 1.2

***Dimensions (mm)***



IPCIE-4POE-2019-V10

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| 1 x MPCIE-USB3 PCIe Mini USB 3.1 Gen 1 (5Gb/s) adapter card |
| 1 x Dual USB 3.1 Gen 1 (5Gb/s) type A port cable with bracket |
| 1 x Power cable | 1 x QIG |

# *Ordering Information*

|  |  |
| --- | --- |
| Part No. | Description |
| MPCIE-USB3-R11 | PCIe Mini USB 3.1 Gen 1 (5Gb/s) adapter card, RoHS |
| 19800-010500-200-RS | Dual USB 3.1 Gen 1 (5Gb/s) type A port cable with bracket |