# Single Board Computer

***Peripherals***

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**IGCME-1300-R11**


## IEI Scalable Display Solution

The IGCME-1300 is applied to expand one VGA port for the IEI motherboard with a PCIe Mini slot for multiple display applications.

# *Features*

* Support PCIe VGA/2D controller, 1920x1200@60Hz 32bpp
* DDR3 SDRAM supports up to 800 MHz speed
* Compliant with PCI Express Mini specification 1.2

# *Specifications*

**HDMI**

**LVDS**

***PCIe Mini VGA Adapter Card, RoHS***

Add additional VGA display output via IGCME-1300

Form Factor

**1st VGA**

**DVI-D**

**Scalable VGA**

**2nd VGA**

PCI Express Mini card

Display Controller Aspeed AST1400

Internal Connector

1 x 10-pin (2x5) box header by 2.0mm pitch Compatible OS

Win7/Win8/Server 2003/Server 2008/Server 2012

Linux kernel version 2.6.32 above Power Supply

On-board 3.3V

Operating Temperature

-10°C ~ 60°C

Operating Humidity

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

50mm x 30mm

Weight 70g

CE/FCC compliant

# *Packing List*

## Multiple Display Configuration

***Dimensions (mm)***

# *Ordering Information*

## IGCME-1300

|  |  |
| --- | --- |
| 1 x IGCME-1300 PCIe Mini VGA adapter card | 1 x QIG |
| VGA cable, 600 mm length (Pitch=2.0mm) (P/N: 32003-001500-100-RS) |

|  |  |
| --- | --- |
| Part No. | Description |
| IGCME-1300-R11 | PCIe Mini VGA adapter card, RoHS |

***PCIe Mini USB 3.0 Adapter Card, RoHS***

**MPCIE-USB3**

**IEI USB 3.0 Expanded Solution**

The MPCIE is applied to add additional super speed USB 3.0 ports for the motherboard with a PCIe Mini slot.

**ASM1042**

**Power adapter cable**

**USB 3.0 cable**

5V

Power Input

Two USB 3.0 Ports

**Motherboard with PCIe Mini Slot**

# *Specifications*

Form Factor

Operating Temperature

# *Features*

### MPCIE-USB3

PCI Express Mini card USB 3.0 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*

|  |
| --- |
| 1 x MPCIE-USB3 PCIe Mini USB 3.0 adapter card |
| 1 x Dual USB 3.0 type A port cable with bracket |
| 1 x Power cable | 1 x QIG |

***Ordering Information***

-10°C ~ 60°C

Operating Humidity

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

50 mm x 30 mm

Weight 70g

CE/FCC compliant

* Supports two external USB 3.0 type A ports
* USB 3.0 provides up to 5Gbps of transferring rate
* Backward compatible with USB 2.0 and USB 1.0/1.1 devices
* Fully compliant with USB 3.0 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)***

IGCME-1300-2018-V10

|  |  |
| --- | --- |
| Part No. | Description |
| MPCIE-USB3-R11 | PCIe Mini USB 3.0 adapter card, RoHS |
| 19800-010500-200-RS | Dual USB 3.0 type A port cable with bracket |