IGCME-1300
Quick Installation Guide
Version 1.01

May. 31, 2012

Package Contents:

IGCME-1300 includes the following items:

- 1 x IGCME-1300 PCIe Mini VGA adapter card
- 1 x VGA cable (Pitch=2.0mm) (P/N: 32000-033804-RS)
- 1 x Driver CD
- 1 x QIG (Quick Installation Guide)
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

Specification:

- Form Factor: PCI Express Mini Card
- Display Controller: Aspeed AST1300
- Internal Connector: 1x 10-pin (2X5) box header by 2.0mm pitch
- Power Supply: On-board 3.3v.
- Operation Temperature: -10°C~60°C
- Operation Humidity: 5%-95%, non-condensing
- Dimensions (LxW): 50mm x 30mm
- Weight: 70Kg
Connection:

- **J1: VGA Connector**

<table>
<thead>
<tr>
<th>PIN NO.</th>
<th>DESCRIPTION</th>
<th>PIN NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RED</td>
<td>2</td>
<td>5VDDCLK</td>
</tr>
<tr>
<td>3</td>
<td>GREEN</td>
<td>4</td>
<td>5VDDCDA</td>
</tr>
<tr>
<td>5</td>
<td>BLUE</td>
<td>6</td>
<td>GND</td>
</tr>
<tr>
<td>7</td>
<td>HSY</td>
<td>8</td>
<td>GND</td>
</tr>
<tr>
<td>9</td>
<td>VSY</td>
<td>10</td>
<td>Display GND</td>
</tr>
</tbody>
</table>

The product needs to install in the CPU board.
Board Layout: Jumper and Connector Locations

(Unit:mm)