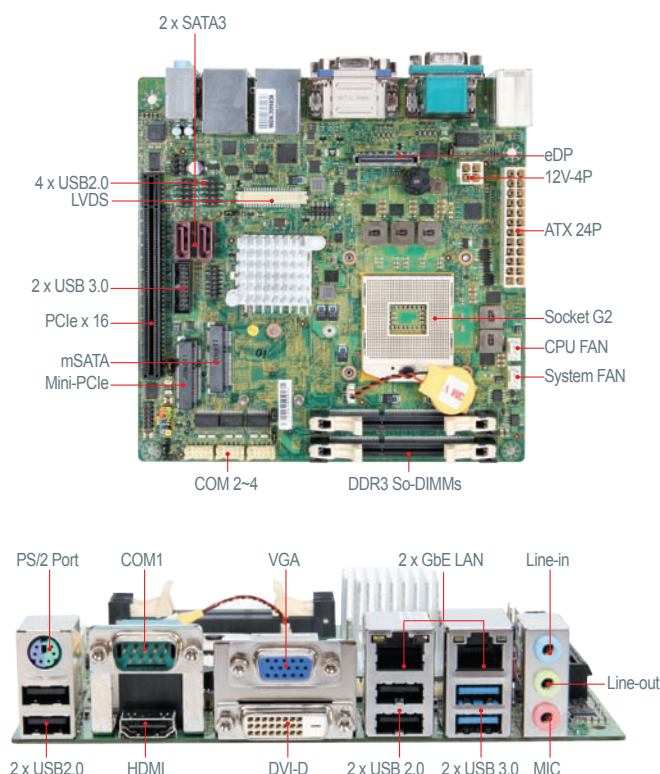


NEW



## Features

- Support Intel® Ivy Bridge and Sandy Bridge mobile Series CPU.
- Support Standard and Low Voltage DDR3 SO-DIMM Memory Up to 16GB.
- 5 kinds of display out devices : VGA+HDMI+DVI and LVDS + Embedded DisplayPort.
- Support SATA3, mSATA, and Cfast slot.

## Ordering Information

| Part Number | Description |
|-------------|-------------|
| Coming soon |             |

## Packing List

| Part Number | Description |
|-------------|-------------|
| Coming soon |             |

## Specification

|                          |                       |                                                                                                                  |
|--------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b>         | CPU                   | Intel® Core™ i7/i5/i3 Mobile Processor                                                                           |
|                          | CPU Type              | Socket G2 (rPGA 989)                                                                                             |
|                          | Front Side Bus        | N/A                                                                                                              |
|                          | Chipset               | Intel® QM77 Express                                                                                              |
| <b>Memory</b>            | BIOS                  | AMI 128Mbit SPI                                                                                                  |
|                          | Technology            | Dual Channel DDR3 1066/1333/1600MHz (Non-ECC)                                                                    |
|                          | Max. Capacity         | Up to 16GB                                                                                                       |
| <b>Display</b>           | Socket                | 2 x 204-pin SO-DIMMs                                                                                             |
|                          | Graphic Controller    | Intel® HD Graphics                                                                                               |
|                          | LVDS                  | Yes (Dual Channel 24-bit)                                                                                        |
|                          | eDP                   | Yes                                                                                                              |
|                          | VGA                   | Yes                                                                                                              |
|                          | DVI                   | Yes (DVI-D)                                                                                                      |
|                          | HDMI                  | Yes                                                                                                              |
|                          | Display port          | N/A                                                                                                              |
| <b>Ethernet</b>          | Controller            | 2 Independent Displays Supported by SNB<br>3 Independent Display Supported by IVB                                |
|                          |                       | 1 x Intel® 82579LM GbE LAN PHY<br>1 x Intel® 82583V GbE LAN                                                      |
| <b>Audio</b>             | Controller            | Realtek® ALC887 HD Audio CODEC                                                                                   |
| <b>Super I/O</b>         | Controller            | Fintek F81866                                                                                                    |
| <b>H/W Monitor</b>       | Watchdog Timer        | 255-level Watchdog Timer                                                                                         |
|                          | Smart Fan             | Yes                                                                                                              |
| <b>TPM</b>               | Controller            | 1 x 2*7-pin Box-header for Expansion TPM Module                                                                  |
| <b>I/O Interfaces</b>    | USB                   | 4 x USB 3.0 (2 x Rear, 2 x Internal)<br>8 x USB 2.0 (4 x Rear, 4 x Internal)                                     |
|                          | Serial                | 4 x COM-ports (COM1 x Rear, COM2&3&4 x Internal)<br>COM1 RS-232/422/485, 0V/5V/12V<br>COM2&3&4 RS-232, 0V/5V/12V |
|                          | Parallel              | N/A                                                                                                              |
|                          | PS/2                  | 1 x PS/2-port for Keyboard and Mouse                                                                             |
|                          | GPIO                  | 8-bits (4 x GPI, 4 x GPO)                                                                                        |
|                          |                       |                                                                                                                  |
| <b>Expansion Slot</b>    | PCIe x 16             | 1                                                                                                                |
|                          | PCIe x 4              | N/A                                                                                                              |
|                          | PCIe x 1              | N/A                                                                                                              |
|                          | PCI                   | N/A                                                                                                              |
|                          | Mini-PCle             | 1                                                                                                                |
|                          |                       |                                                                                                                  |
| <b>Storage</b>           | SATA                  | 2 x SATA3                                                                                                        |
|                          | IDE                   | N/A                                                                                                              |
|                          | eSATA                 | N/A                                                                                                              |
|                          | CFast                 | 1 x CFast-socket                                                                                                 |
|                          | mSATA                 | 1 x mSATA-slot                                                                                                   |
|                          | CompactFlash          | N/A                                                                                                              |
| <b>Power Requirement</b> | Power Adaptor         | N/A                                                                                                              |
|                          | Power Supply          | ATX-24P, 12V-4P                                                                                                  |
| <b>Environment</b>       | Operating Temperature | 0 ~ 60°C                                                                                                         |
|                          | Operating Humidity    | 10 ~ 90%, non-condensing                                                                                         |
|                          | Storage Temperature   | -20 ~ 80°C                                                                                                       |
|                          | Storage Humidity      | 10 ~ 90%, non-condensing                                                                                         |
| <b>Form Factor</b>       | Dimensions            | 170mm x 170mm (Mini-ITX)                                                                                         |
|                          | Weight                | 0.37 Kg                                                                                                          |
| <b>Certification</b>     | EMC                   | FCC, CE, C-Tick, VCCI, BSMI                                                                                      |