



## COM330-B

### ► Specifications \* Optional and is not supported in standard model. Please contact your sales representative for more information.

#### ONBOARD AUDIO FEATURES

- Realtek ALC886 5.1-channel High Definition Audio
- Audio outputs: Mic-in/Center+Subwoofer, line-in/surround and line out
- S/PDIF audio interface

#### STORAGE

- 4 Serial ATA ports
  - 2 SATA 3.0 ports with data transfer rate up to 6Gb/s
  - 2 SATA 2.0 ports with data transfer rate up to 3Gb/s
- 1 CompactFlash socket

#### DIGITAL I/O

- 8-bit Digital I/O connector
  - 4-bit GPI (General Purpose Input)
  - 4-bit GPO (General Purpose Output)

#### REAR PANEL I/O PORTS

- 3 DB-9 RS232 serial ports
- 1 DB-15 VGA port
- 1 RJ45 LAN port
- 4 USB 2.0/1.1 ports
- Line-in/Surround, Line out, Mic-in/Center+Subwoofer jacks
- 1 mini-DIN-6 PS/2 mouse port\*
- 1 mini-DIN-6 PS/2 keyboard port\*

#### I/O CONNECTORS

- 2 connectors for 4 external USB 2.0/1.1 ports
- 1 connector for 1 external RS232 serial port
- 1 LVDS LCD panel connector
- 1 LCD/inverter power connector
- 1 8-bit Digital I/O connector
- 1 front audio connector for line-out and mic-in jacks
- 1 S/PDIF connector
- 4 Serial ATA ports
- 1 LPC connector
- 1 I<sup>2</sup>C connector
- 1 SMBus connector
- 1 24-pin ATX power connector
- 1 4-pin 12V power connector
- 1 chassis intrusion connector
- 1 front panel connector
- 3 fan connectors

#### EXPANSION SLOTS

- 1 PCIe x16 Gen 3 slot
- 1 PCIe x4 Gen 2 slot
- 1 Mini PCIe slot (PCIe 2.0) (PCIe signal only)
  - USB signal: optional
  - Supports half/full size Mini PCIe card
- 2 PCI slots (PCI 2.3)

#### SUPPORTED COM EXPRESS MODULES

- Basic
- Compact

#### DAMAGE FREE INTELLIGENCE

- Legacy Super I/O support\*
  - Monitors 5V/1.5V/12V/3.3V
  - Monitors SIO\_Fan 1/SIO\_Fan 2/SIO\_Fan 3

#### ROM INTERFACE

- 1 SPI interface
  - Supports up to 64Mbit
- 1 LPC/FWH interface

#### TEMPERATURE

- Operating: 0°C to 60°C
- Storage: -20°C to 85°C

#### HUMIDITY

- 10% to 90%

#### POWER OUTPUT

- 12V, 5VSB, VCC\_RTC (ATX mode)
- 12V, 5V, VCC\_RTC (AT mode)
- 12V, VCC\_RTC (AT mode)

#### PCB

- Dimensions
  - microATX form factor
  - 244mm (9.6") x 244mm (9.6")
- Compliance
  - PICMG COM Express® R2.0, Type 2

#### CERTIFICATION

- CE
- FCC Class B
- RoHS

### ► Packing List

- |                                   |
|-----------------------------------|
| • 1 COM330-B board                |
| • 2 Serial ATA data cables        |
| • 1 USB port cable (with bracket) |
| • 1 COM port cable (with bracket) |
| • 1 QR (Quick Reference)          |
| • 1 DVD                           |

### ► Optional Items

- |                          |
|--------------------------|
| • Serial ATA data cable  |
| • COM port cable         |
| • USB port cable         |
| • I/O shield             |
| • Serial ATA power cable |