**SECOCEExp-Type6**

Carrier Board for COM-Express™ Type 6 modules on miniITX form factor

### FEATURES

| **Video Interfaces** | 1 x LVDS Dual Channel 24-bit connector  
| | Backlight Connector  
| | 2 x combo Display Port / HDMI Connectors  
| | 1 x multi-mode Display Port Connector  
| | 8-pin socket for external EDID EEPROM  
| | VGA connector  
| | PCI Express graphics (PEG) x 16 slot |

| **Mass Storage** | 2 x S-ATA connectors  
| | 1 x mSATA Slot |

| **Networking** | 2 x Gigabit Ethernet connections |

| **USB** | 4 x USB 3.0 Type-A plugs  
| | 2 x USB 2.0 ports on internal pin header |

| **PCI-e** | PCI-e x4 slot  
| | 2 x miniPCI-e slots (one, combined with SIM card slot) |

| **Audio** | HD Audio Codec  
| | Triple Audio jack  
| | S/P-DIF Out 3 pin header for digital Audio  
| | Internal pin header for 2nd LineIn + 2nd MicIn |

| **Other Interfaces** | I2C EEPROM Socket  
| | Internal pin header for GPIO/SD + 2 x RS-232 (Tx/Rx)  
| | LPC internal pin header  
| | Front Panel Header  
| | 1 x 28 pin connector for additional features (I2C, ACPI signals, SMBus, Watch Dog, Thermal Management)  
| | FAN, 3 pin header, with fan speed control, +12VDC |

| **Power Supply** | Coin cell battery Holder for CMOS and RTC  
| | ATX Standard power connector, 24 poles, AT configurable  
| | 12VDC, Auxiliary power connector  
| | Power On Status LEDs |

| **Operating Temperature** | 0°C ÷ +60°C (commercial version) |

| **Dimensions** | 170 x 170 mm (6,7” x 6,7”) |

*All carrier board components must remain within the operating temperature at any and all times, including startup; carrier operating temperature is independent of the module installed. Please refer to the specific module for more details. Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider specific cooling solutions for the final system.*

**HIGHLIGHTS**

• COM Express Type 6 carrier board  
• Mini ITX form factor  
• Broad choice of Video Interfaces