## **Motherboard & Passive Backplane Based Systems**

SIP's rugged rackmount systems are an ideal foundation for data acquisition, manufacturing test and process control applications.

Combined with SIP's service and customer support, this provides an unsurpassed computing solution.



ATX Motherboard & Passive backplane based systems with:

- 19" rackmount system (4U x 20" to 27" deep)
- Long-life motherboards and backplanes
- Up to **3.8GHz 3rd Generation i7 quad / Multi-core Xeon** CPUs
- Up to 128GB DDR3 memory
- PCIe x1, PCIe x4, PCIe x16 and PCI expansion slots
- 2 USB 3.0 rear connectors
- 4 USB 2.0 rear connectors
- 2 USB 2.0 front connectors
- 2 10/100/1000 Ethernet rear connectors (10GbE optional)
- **On-board video** (VGA, DVI-D and HDMI rear connectors)
- 2 Serial port rear connectors
- 6-channel audio rear connectors
- Up to 1600W power supply
- DVD/CD-RW dual layer drive
- 2-4 SATA III ports (6Gb/s) with removable drive option
- Windows or Linux operating systems

## **Chassis Features & Benefits**

- Temperature / Fan monitor increased system reliability
- Front USB Easy connectivity
- Three replaceable system fans superior cooling
- Locking front doors with washable air filter -Ease of maintenance
- Seven front-accessible 5.25" drive bays (removable) System expansibility and flexibility
- One front-accessible 3.5" drive bay
- 2-year system warranty, 5-year hard drive warranty























## **Chassis Features**

- A: Patented aluminum front panel with lock
- **B:** Removable air filter
- **C:** Front access USB 2.0 x 2
- **D:** Cooling fans: 120mm x 3 + 80mm x 1
- E: Power and HDD LED
- **F:** Center add-on card stabalizer bar







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