Server Computer SMP SC-2200

EAT•N

Powerful. Reliable. Scalable. The SMP SC-2200 computer is designed for mission-critical applications in harsh environments. Eaton has leveraged the same expertise and **high industry standards** used to develop our SMP Gateway product line to offer a **fanless** substation platform with **hot-swappable dual-power supplies** and **no moving parts.**

Server Computer

The modular architecture makes it a highly scalable platform, suitable for handling various requirements.

Figure 1. SMP SC-2200 platform - front panel

Figure 2. SMP SC-2200 platform - rear panel (with Ethernet, Drive Bays, PCI adaptor, and PC modules)

SC-2200 Features

- 5th Generation Intel Core processor **Xeon 2.8 GHz** Quad Core (for **server applications** and to run high- performance virtual applications)
- Immune to **Electrical surges, Magnetic Field** and **Vibration** and operates in a wide **temperature range of –40 °C to +85 °C**
- Flexible **RAID 0,1, 5, and 10** configurations enable fast data access and improve data integrity.
- supports up to **32 GB RAM** of (ECC) embedded memory to optimize virtual applications
- **Dual hot-swappable** AC/DC **power supplies** with front access, enables 100% system availability
- Up to **1.5 TB** in data storage Solid-state drives **(SSD)**
- **Two contact relays** managed by software drivers
- IRIG-B **input** and **output** (demodulated), High-accuracy real-time clock, (GPS ready)

SC-2200 Flexibility Options

- 6th Generation Intel Core processor **i3 2.7 GHz** Dual Core for industrial automation applications
- Flexible range of RAM and internal storage
- Microsoft **Windows® 10** or Microsoft **Windows Server** 2012 R2® operating systems
- Up to **4 expansion modules** configurations

  - PCIe x4 lane adaptor expansion module
  - Ethernet: Metallic, Fiber Optic ST/LT, (PRP/HSR/PTP)
  - PC module for computer inputs and outputs
  - 4 X 2.5" SSD external storage expansion module

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