

ACCES I/O Products, Inc.

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**104-COM-8SM (4SM) Serial Port Expansion**

The 104-COM-8SM and 104-COM-4SM are eight- and four-port, asynchronous, PC/104 serial communication boards that support field-selectable RS-232/422/485 communications. The 104-COM-8SM and 4SM are feature-rich and allow for the connection of multiple serial devices – ideal for a variety of applications such as POS, gaming systems, machine monitoring and control, military, and high-density networking applications or any other application requiring the connection of RS-232/422/485 serial devices to a PC/104 compatible system.

The 104-COM-8SM and 4SM were designed using type 16780 UARTS and include 64-byte transmit and receive FIFO buffers. ACCES offers the 104-COM-8SM and 4SM in both standard and extended temperature versions, ideal for outdoor applications or harsh industrial surroundings. Fully supported for use in Linux, Windows, and other operating systems, with drivers and samples in a variety of languages.

ACCES I/O Products, Inc. supplies an extensive range of analog, digital, serial communication, and isolated I/O boards and solutions. ACCES also offers complete systems, integration services, and enclosures with a quick turnaround on custom projects, including software. Our products are designed for use with PC/104, PCI, low-profile PCI, EBX, EPIC, USB, Ethernet, and ISA buses as well as distributed and wireless I/O. For more information, visit our website at www.accessio.com.

**FEATURES:**

- Eight or four independent, asynchronous serial COM ports
- Field-selectable RS-232/422/485 communications, independent for each port
- Auto-RTS feature makes half-duplex RS-485 communications effortless
- Speeds up to 921.6 k with 64-byte FIFO
- Fixed bias and jumper-selectable termination on each transmit and receive channel
- Low power required: +5 Vdc at 80 mA, all outputs open (0.4 W); no ± 12 V required
- Programmable, individual, nonvolatile base addresses and IRQ's
- Options: -40 °C to +85 °C operating temperature; eight-, four-, and two-port RS-232 only also available