



Another product in our industrial DOS-based computer family, the 5800 Flex.

The 5800 Flex is a DOS-based controller providing flexibility in integrating complete systems to a wide variety of customer applications.

The 5800 Flex can multiplex serial communications data, perform system control functions, and provide number-crunching ability in industrial environments.

The unit's Accu-Sort designed motherboard contains a PC/104 connector for modular expansion. This allows for the use of any PC-based option available in the increasingly popular PC/104 form factor.

All hardware is contained in a NEMA 12 (IP 54) industrial enclosure for industrial environments.

PC/104 options include:


- Ethernet
- Profibus
- Modem
- Additional 4 serial ports
- Battery backed SRAM card


The 5800 Flex comes with a 4 line-by-20 character vacuum fluorescent display and 48-position alphanumeric keypad.


Typical applications include:

- Multiplexing
- Shop floor SPC Automation
- Shipping and receiving
- Static and in-motion scaling
- Network data entry
- Airport tunnel scanning

OUTSTANDING FEATURES

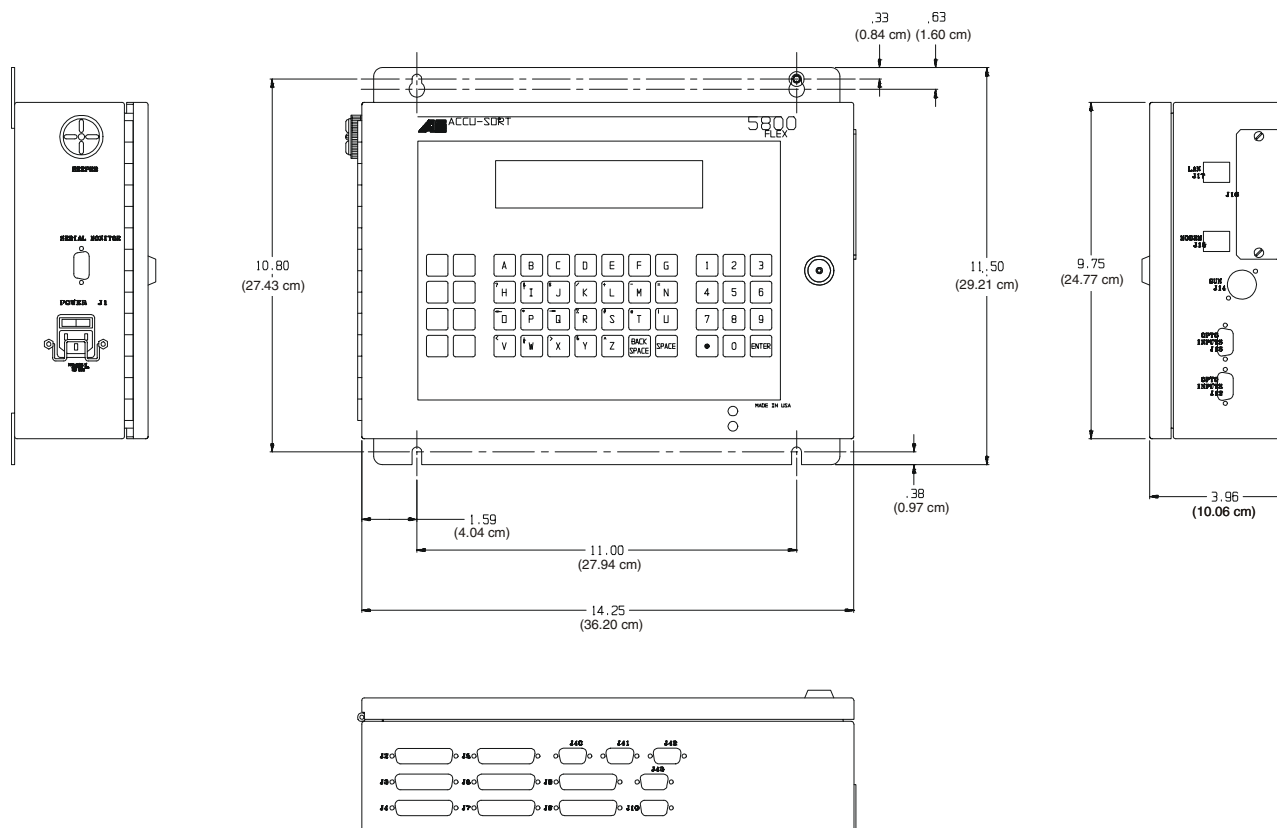
 **DOS-based controller with PC/104 connector for modular expansion.**

 **NEMA 12 (IP 54) enclosure for industrial environments**

 **8 serial ports (optional 12) and 16 parallel I/O offer maximum flexibility for component connection**

 **Real time clock, beeper, and vacuum fluorescent display**

 *Solutions with vision®*



Product Specifications

Display and Keypad:

4 line-by-20 vacuum fluorescent display with 48-position alphanumeric keypad (8 programmable function keys) and 4 LEDs

Size (standard unit):

Length - 14.25" (36.2cm)
Width - 11.25" (28.58cm)
Height - 4.0" (10.16cm)

Enclosure:

NEMA 12 (IP 54)

Connections:

8 serial ports
16 parallel I/O
4 optically isolated inputs
interface to optional Quad Relay Box
internal standard keyboard connector

Memory:

1MB DRAM standard (expandable to 4MB)
2K EEPROM
Real time clock

Weight (standard unit):

8.5 lbs (3.86 kg)

Temperature Range:

32°-122°F (0°-50°C)

Relative Humidity:

10%-90% non-condensing

Power:

100-240VAC ± 10%
50/60Hz
20 Watts

Communications:

Communication Ports
RS-232
RS-422
RS-485
20 mA Current Loop
RS-232 Com1 Port
16 Parallel I/O
4 Optically isolated inputs
Interface to Quad Relay Box (4 solid state relays)

Options:

PC/104 board for:
Ethernet
Profibus
Modem
Additional 4 serial ports
Battery-backed SRAM card
Quad Relay Box (4 solid state relays)
Laser gun with decoder board

Safety approvals (pending):

UL, cUL, FCC Class A, CE mark

Warranty:

1-year limited, parts and labor