

# Intellio C218 Turbo Async Board

*The Intelligent Choice for Small I/O Systems*



**The Intellio C218 Turbo** is the newest generation of MOXA intelligent 8 port async boards for ISA bus system. The Intellio C218 Turbo is equipped with high performance RISC processor (TMS320) and 512KB on-board memory which dramatically relieve the workload of the host processor. To maximize the flexibility for system integration, the board is designed in compact size. Up to four Intellio C218 Turbo can be installed in one PC system, providing up to 32 async communication channels.

The Intellio C218 Turbo is ideal for industrial automation, machine that needs embeded multiport connection, multipoint data acquisition and high speed Remote Access Services (RAS). Equipment like PLCs, test instruments, terminals and high speed modems can be connected to the Intellio C218 Turbo via either RS-232, RS-422 or RS-485 interface.

## Features

- High speed communication channel (max. 921.6K bps)
- Low host processor overhead
- Compact size design
- Large on-board buffer (512KB)
- High circuit integration with state-of-the-art ASIC design
- High reliability with surge protection (optional)
- Supports most popular OS: Windows NT, Windows 95, DOS, etc.

## Specifications

- ISA bus
- 8 serial ports per board
- RS-232, RS-422 or RS-485 interfaces
- Speed: 921.6K bps (max.)
- RISC processor: TI TMS320C203-57
- Communication controller: TI550C
- On-board buffer: 512KB
- IRQ: 2, 3, 4, 5, 7, 10, 11, 12, 15
- Power requirement: 155mA (+5V); 110mA (+12V); 160mA (-12V)
- Operating temp.: 0 ~ 55 degrees

## Ordering Infos

- C218 Turbo: 8 port async board with ISA bus Windows NT/95 and DOS drivers + manual, Moxa PComm serial comm tool

### Optional Connectors (choose one per board)

- Opt8A: 8 port RS-232 (DCE) connection box with female DB25 connectors
- Opt8B: 8 port RS-232 (DTE) connection box with male DB25 connectors
- Opt8C: 8 port RS-232 (DTE) octopus cable with male DB25 connectors
- Opt8D: 8 port RS-232 (DTE) octopus cable with male DB9 connectors
- Opt8J: 8 port RS-422/RS-485 connection box with female DB25 connectors
- Opt8S: 8 port RS-232 (DCE) connection box with female DB25 connectors and surge protection (2000V)
- Opt8F: 8 port RS-422 connection box with isolation protection (500V DC), female DB25 connectors
- Opt8Z: 8 port RS-422 connection box with female DB25 connectors

### Distributeur

### Siège

### Paris

Parc d'activité de Boufféré  
85600 Montaigu  
Tel : +33 (0) 251 09 2660  
Fax : +33 (0) 251 09 2585

166 Bd Montparnasse  
75014 Paris  
Tel : + 33 (0) 142 79 5183  
Fax : +33 (0) 142 79 5184

Allemagne (Laudenbach)  
Autriche (Vienne)  
Grande Bretagne (Londres)  
Suisse (Bubikon)

<http://www.sphinxconnect.com>

e-mail : mail@sphinxconnect.com

