

ISA Serial , Parallel , I/O & Multi-serial Boards

Titan ISA Turbo Serial Cards provides the PC from single to eight Asynchronous serial ports for connecting modems, ISDN TAs, terminals, printers, plotters, digital cameras, Palm PCs, UPSs, POS devices, data acquisition equipment as well as all types of external serial devices.

All the boards provide a clock multiplier jumper to select clocking modes that allow much higher data rates than those onboard serial ports with 16C650 UART. The boards employ a unique clocking option that allow user to select the clock from 115.2K bps (1x), 230.4K bps (2x) , and 460K bps (4x) clocking mode. The turbo clocking design accelerates the serial port data rate up to 460.8K bps (4x mode), four times as fast the onboard COM1 & COM2 serial port. When using an external modems or TAs that support 230.4K bps or 460.8K bps, user can dramatically increase the performance .By connecting the device to our Turbo Serial Cards, user can get higher serial port throughput that speeds up Web access, shortens download times, and accerlerates other types of serial communications. Using the onboard 16C650 serial ports, user will lose valuable bandwidths since the serial ports with maximum data rate of 115.2K bps are not capable to support the modems or TAs with DTE speed of 230K bps or 460K bps. The 16C650 UART providedes a 32bit FIFO

All the Multi-Serial Boards take up only one ISA expansion slot within the PC. In addition to the higher throughput, all of serial ports of the Multi-Serial Boards can share a single IRQ. With this IRQ Sharing design, user can install an eight port card (TC-800) in the system but only using one IRQ. The feature of IRQ sharing saves the valuable resources in the system. Especially, when the Servers or PCs have limited free IRQ in the system, user can plug our Multi-Serial Board in the system since only one IRQ is needed for the card. The application can access all the serial ports simultaneously without problem. The flexible address selections and IRQ sharing design of the Mutl-Serial Boards are the ideal choice for a large number of applications including RAS (Remote Access Server) under Windows NT & retail POS, Remote Access (Web browsing), etc.

Turbo Multi-Serial Boards allow a multitude of devices to have access to a host including terminals, printers, remote access devices (modems, ISDN terminal adapters), point-of-sale devices (cash registers, cash dispenser, etc) and many more.

Windows 95/98 support 128 COM ports, and Windows NT4.0 & Windows 2000 supports 256 COM ports. All of our ISA cards are fully compatible with Windows 95, 98, NT4.0 & Windows 2000. No driver is needed for the installation of the Turbo cards under the above Windows Oses. All user needs to do is to (1) Set the address & IRQ jumper, (2) Set the clock multiplier (3) Install the cards in the computer & (4) Add/Configure new ports in the Windows.

