

IOtech AT488

## Personal488 IEEE 488 Controller Board



**In Stock**

**Used and in Excellent Condition**

**Open Web Page**

<https://www.artisanng.com/77114-1>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source  
for quality pre-owned  
equipment.

**Artisan Technology Group**

(217) 352-9330 | [sales@artisanng.com](mailto:sales@artisanng.com) | [artisanng.com](http://artisanng.com)

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.



# Personal488/ATpnp™



1 Mbyte/s IEEE 488.2 Board with Plug & Play,  
Digital I/O, & Software for PCs

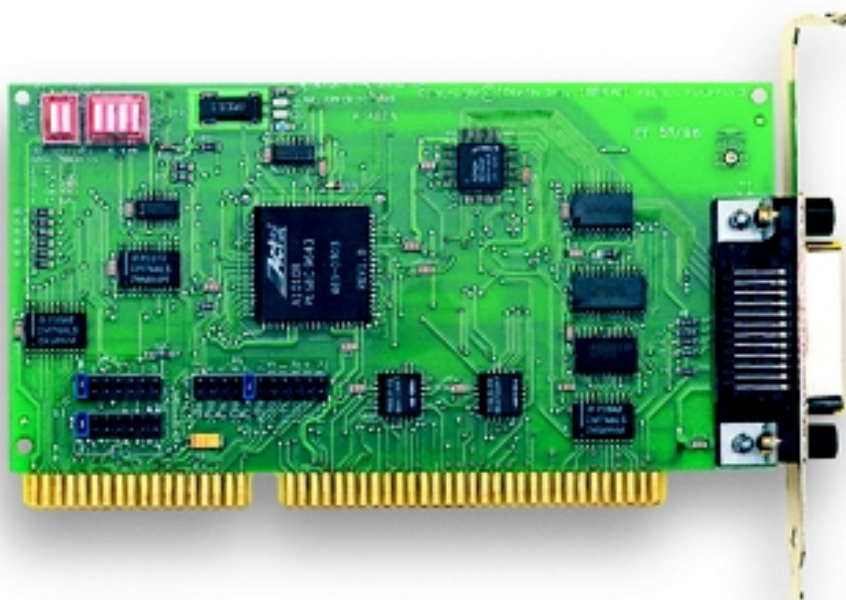
## Features

- Provides plug & play functionality for easy installation & setup
- Features 16-bit AT-bus compatibility
- Provides 1 Mbyte/s data transfer
- Offers full IEEE 488.2 support
- Includes Windows® 95/98/2000\* drivers
- Easily programmable via familiar HP-style commands
- Includes eight interrupt lines & three DMA channels

The Personal488/ATpnp™ is a plug-and-play version of IOtech's popular Personal488/AT IEEE 488.2 controller board. The Personal488/ATpnp converts your PC/AT into a high performance IEEE 488.2-compliant controller, while providing the convenience of plug-and-play installation and jumperless configuration. For example, if the Personal488/ATpnp is operated under Windows® 95/98, system resources such as base address, DMA channel, and interrupts are automatically allocated during your PC's start-up. The Personal488/ATpnp consists of an IEEE 488.2 half-slot interface board and Windows driver—which are fully and independently documented, ensuring easy start-up and usability.

## Digital I/O

The Personal488/ATpnp provides eight TTL digital I/O lines, arranged in two four-bit groups; each group can be individually programmed as inputs or outputs. These eight lines are accessible via a ribbon cable equipped with a 9-pin female D-shell connector. In addition, the Personal488/ATpnp can synchronize the IEEE 488 Group Execute Trigger with digital signal states generated by external events.



*The Personal488/ATpnp brings plug-and-play convenience to IEEE 488.2 applications*

## Software Driver Selection

A brief overview of IOtech's IEEE 488 drivers follows, with a more detailed description beginning on page 271.

**Driver488/W95**—High-performance Windows 95/98 drivers, with C, Delphi™, and Visual Basic® support.

**Driver488/NI**—National Instruments compatible Windows drivers for IOtech IEEE 488.2 hardware.

## Specifications

**IEEE 488 Controller Device:** 7210

**Maximum Transfer Rates:** 1 Mbyte/s reads, 800 Kbytes/s writes

**IEEE 488 Connector:** Accepts standard IEEE 488 connector with metric studs

**Power:** 1A max @ +5V from PC

**Environment:** 0° to 70°C; 0 to 95% RH, non-condensing

**DMA:** 16-bit DMA on channels 5, 6, or 7

**Interrupts:** 3, 4, 5, 7, 10, 11, 12, or 15

**Multiple Boards:** Up to three AT488pnp boards can be installed

**Digital I/O:** Each signal can source 2 mA @ 3.7V (6 mA @ 3.2V) and sink 2 mA @ 0.4V (6 mA @ 0.9V)

**Dimensions:** Occupies one PC-compatible (ISA) short or long slot

## Ordering Information

Description	Part No.
ATpnp IEEE 488.2 board with plug-and-play; digital I/O; and all compatible drivers	Personal488/ATpnp
AT488pnp 16-bit IEEE 488.2 board with plug and play; and digital I/O; board only	AT488pnp
Shielded IEEE 488 cable, 6 ft.	CA-7-3

## Related Products

DASyLab	p. 194
Driver488/W95	p. 272
Driver488/NI	p. 279

## QUICK FIND

For up-to-date information on products, and to order online, visit the IOtech Web site and enter the corresponding page number in the QUICK FIND field.



\* Contact factory for Windows® 2000 driver availability

# **Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## **Gold-standard solutions**

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## **We buy equipment**

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## **Learn more!**

Visit us at [artisanng.com](https://www.artisanng.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

**We're here to make your life easier. How can we help you today?**

(217) 352-9330 | [sales@artisanng.com](mailto:sales@artisanng.com) | [artisanng.com](https://www.artisanng.com)

