



I/O performance is imperative in instrument control. The computer should always be waiting for the instrument and not the other way around. The TAMS 81488 can deliver all the speed that your instruments need.

By moving software functions into hardware and concentrating on improving the performance of small transactions the 81488 is able to offer real world performance improvements.

The greatest performance improvement over the 80488 is visible in small transactions, but the maximum speed has not been compromised.

The TAMS 81488 is fully compliant with the PCI specifications for 3.3V and 5V PCI/PCI-X slots and delivers the highest possible level of throughput. The card operates with 32 bit or 64 bit signaling specified at 33, 66, 100 or 133MHz, allowing complete configuration flexibility. Whether you are using BASIC for Linux, or programming in C with the SICL or VISA library, your code will now run at full performance.

General Requirements:

Minimum System Requirements:

Red Hat Enterprise Linux, PCI slot, TAMS IO Library

Supported Red Hat Kernels:

2.4.21-20.EL, 2.4.21-20.ELsmpEL, 2.4.21-4.EL,
2.4.21-4.ELsmp, 2.4.20-6, 2.4.20-8

Supported Standards:

PCI, PCI-X, IEEE-488.1 and IEEE-488.2, SICL, VISA

Supported Software Development:

BASIC for Linux, ANSI-C

General Characteristics:

Dimensions:

121 mm x 76 mm x 16 mm including connectors

Weight:

125 grams

Maximum I/O speed:

> 1 MB/s

GPIB Loads:

1 or 11, user selectable

PCI:

3.3 or 5v; 32 bit or 64 bit signaling;
33/66/100/133 MHz PCI or PCI-X

Power:

+5v 500mA (max), 390 mA (typical)

Connectors:

Cannon 25 position microminiature connector

Cable:

TAMS 488 (not included)

Warranty:

1 Year

Environmental Specifications:

Operating Environment:

0 degrees C to +40 degrees C

Storage Environment:

-20 degrees C to +60 degrees C

Humidity:

20-80% (0 degrees C to +40 degrees C)

Storage Humidity:

20-80% (0 degrees C to +55 degrees C)

Ordering Information:

Model #: 81488

