



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 71488 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 71488 is able to offer real world performance improvements.

Small transactions of iwrite and the associated iread on the 71488 were measured at 391 transactions/sec; a factor of 4.5 times faster than the TAMS 70488 card in identical tests. While the greatest performance improvement is visible in small transactions, the maximum speed has not been compromised.

The TAMS 71488 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/11i, or programming in C with the SICL or VISA library, your code will now run at full performance.

**General Requirements:**

**Minimum System Requirements:**

HP-UX 11i, PCI slot, TAMS IO Library for HP-UX 11i

**Supported Standards:**

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

**Supported Software Development:**

TAMS BASIC for 11i, ANSI-C

**General Characteristics:**

**Dimensions:**

121 mm x 76 mm x 16 mm including connectors  
(smaller than PCI half length card)

**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 #:** 71488