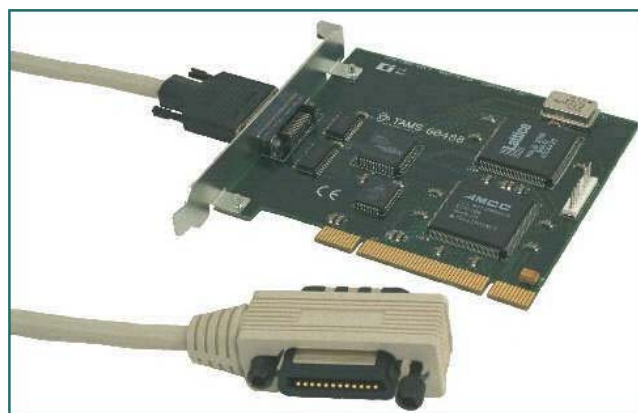




## TAMS 70488 HP-IB Interface

Take full advantage of your computer's ability with a TAMS 70488 HP-IB interface card for PCI

- High performance HP-IB Interface
- 3.3v or 5v PCI
- Use with HP-UX 10.20 & 11i
- SICL Compatible
- IEEE488.2 compliant
- 24% faster than the E2071D



PCI, IEEE-488 for HP-UX 10.20 & 11i

- [Ordering Information](#)
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- [Specifications](#)
- [System Requirements](#)
- [HP-IB Cable](#)
- [Related Information](#)

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 70488 can deliver all the speed that your instruments need.

### The TAMS 70488 card operates in both 3.3V and 5V PCI.

The ability of a single card to work at either voltage level allows the standardization of IEEE 488 interfaces in a single TAMS card. This offers unprecedented simplicity and reconfiguration possibilities.

### TAMS 70488 PERFORMANCE

The TAMS 70488 is an average of 24% faster than the E2071D HP-IB card.

Using a single number to characterize performance of HP-IB, or any type of I/O operation can be misleading, because many factors affect actual performance: amount of data being transferred, size of data blocks, difference between read and write speeds, programming language, computer being used, etc. As a result, we do not recommend basing any decisions on maximum transfer rate. However, to conform to the industry standard of specifying maximum I/O speed, the TAMS 70488 card is specified at 1MB/s.

In actual tests on transfers that ranged in size from 100K to 10MB with data blocks that varied from 1K to 128K using the E2071D HP-IB card the TAMS 70488 was an average of 20% faster in read and write operations.

The E2071D was selected for comparison because it is probably the most widely used HP-IB card, and HP specifications have traditionally been very conservative.

Based on the industry standard TI 9914 chip the TAMS 70488 card meets all specifications of the industry standard IEEE488.2.

Regardless of the application, your code will now run at full performance without modification. Thanks to Agilent's (HP) SICL software architecture, once the TAMS driver is loaded, the 70488 card can be used in any application without requiring more computer overhead or changes to the code.

**System requirements:**

1 PCI slot  
HP-UX 10.20 or 11i  
TAMS I/O Libraries Media CD (72091-0101) for use with HP-UX 11i  
Agilent I/O Libraries (E2091x) for use with HP-UX 10.20

**Specifications:**

Standard: Compatible with IEEE 488.1 and IEEE 488.2  
Size: 4.75" x 4.25" x .3" (150x155x7mm)  
Weight (card only): 1.5 oz (42 g)  
Shipping Weight: 10 oz (455 g)

**Ordering Information:**

TAMS PCI, IEEE-488 Interface Card for Windows  
Order I/O Library and Cable separately  
Part #: 70488

HP-IB Cable with high density connector

Part #: 488-001

TAMS I/O Library for HP-UX 11i Media on CD

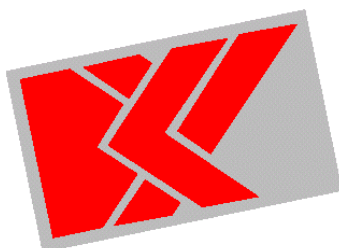
(A License to use, part #: 72091-0700 is included with the 70488. This CD may also be required)

Part #: 72091-0101

Agilent I/O Library for HP-UX 10.20

This is available from TAMS or directly from Agilent Technologies.  
Agilent I/O Library is included with Agilent BASIC/UX s/700.

Part #: E2091



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