

---

# PCIe-GPIB Specifications

---

2024-06-28



# Contents

PCIe-GPIB Specifications..... 3

# PCIe-GPIB Specifications

## Definitions

**Warranted** specifications describe the performance of a model under stated operating conditions and are covered by the model warranty.

**Characteristics** describe values that are relevant to the use of the model under stated operating conditions but are not covered by the model warranty.

- **Typical** specifications describe the performance met by a majority of models.
- **Nominal** specifications describe an attribute that is based on design, conformance testing, or supplemental testing.

Specifications are **Typical** unless otherwise noted.

## Performance

GPIB	
3-wire	up to 1670 kbytes/s
HS488	up to 7980 kbytes/s

## Power Requirements



**Note** A version of the PCIe-GPIB controller (part number 190243X-01, manufactured prior to 2008) differs from these specifications in power consumption, physical dimensions, and ambient temperature range. For specific details, refer to **Notice of Board Change—PCIe-GPIB** on [ni.com](http://ni.com).

PCIe-GPIB (+3.3 V)	320 mA, Typical; 500 mA, Maximum
--------------------	----------------------------------

## Physical Characteristics

Dimensions	9.754 cm × 6.888 cm (3.840 in. × 2.712 in.)
<b>Connector</b>	
GPIB	IEEE 488 24-pin connector
PCI Express	x1

## Environment

Operating ambient temperature	0 °C to 55 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
Operating relative humidity	10% to 90%, noncondensing (Tested in accordance with IEC 60068-2-56.)
Storage ambient temperature	-20 °C to 70 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
Storage relative humidity	5% to 95%, noncondensing (Tested in accordance with IEC 60068-2-56.)