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IBM 3Gb SAS Host Bus Adapter v2
IBM System x at-a-glance guide

The IBM 3Gb SAS HBA v2 provides an ideal solution for all servers and workstations needing ultra high-speed data transfer in disk connectivity for data backup and mission-critical applications. This HBA provides support for SAS and SATA HDDs and tape drive configurations.

Figure 1 shows the IBM 3Gb SAS HBA v2.

Figure 1. IBM 3Gb SAS HBA v2

Did you know

This adapter is an ideal choice for connecting to tape drives with 3 Gbps SAS host interfaces.

Part number information

Table 1 lists the part number and feature code

Table 1. Part number and feature code

Description	Part number	Feature code
IBM 3Gb SAS HBA v2	44E8700	3583

Specifications

The IBM 3Gb SAS HBA v2 has the following specifications:

● One external Mini-SAS x4 connector (SFF-8088)

● Four internal SATA x1 connectors

● LSI 1068E SAS controller

● PCI Express x8 host interface

● RAID levels : none*

* The 3Gb SAS HBA v2 supports RAID, but only on the System x3455 (RAID levels 0, 1, and 1E are supported). All other supported systems support tape connectivity only. See the announcement letter (link below) for details.

Operating environment

The IBM 3Gb SAS HBA v2 is supported in the following environment:

● Temperature:

  ● At 0 - 1000 m (0 - 3000 ft): 10 - 35° C (50 - 95° F)
  ● At 1000 - 2100 m (3000 - 7000 ft): 10 - 32° C (50 - 90° F)

● Relative humidity: 20 - 80% (non-condensing)

Warranty

The IBM 3Gb SAS HBA v2 has a one-year limited warranty. When installed on a System x server, these cards assume your system's base warranty and any IBM ServicePac upgrade.

Supported servers

The IBM 3Gb SAS HBA v2 is supported on the IBM System x servers listed in Table 2.

Table 2. Supported System x servers

Adapter	Part number	x3100 M3	x3200 M2	x3200 M3	x3250 M2	x3250 M3	x3350	x3400	x3400 M2	x3400 M3	x3455	x3500	x3500 M2	x3500 M3
IBM 3Gb SAS HBA v2	44E8700	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 2 (continued). Supported System x servers

Adapter	x3550	x3550 M2	x3550 M3	x3620 M3	x3630 M3	x3650	x3650 T	x3650 M2	x3650 M3	x3655	x3690 X5	x3755	x3755 M3	x3850 M2	x3950 M2	x3850 X5
IBM 3Gb SAS HBA v2	N	Y	Y	N	N	N	N	Y	Y	N	Y	N	N	Y	Y	Y

See the IBM ServerProven website for the latest information about the adapters supported by each System x server type: http://ibm.com/servers/eserver/serverproven/compat/us/

Related publications

For more information refer to the following documents:

- *IBM 3Gb SAS HBA User's Guide*
  http://www.ibm.com/support/docview.wss?uid=psg1MIGR-5084130
- IBM Announcement Letter
  US: http://ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=ca&&htmlfid=897/ENUS109-099
  EMEA: http://ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=ca&&htmlfid=877/ENUSZG09-0132

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