

[Top](#) > [Systems](#) > [IBM](#) > [System p](#) > [Features](#) > [911x](#) > [Graphics](#) > [IBM 911x-2843 - POWER GXT6500P Graphics Accelerator - System](#) > [7026, 7028, 7043, 7044, 7047, 9111, 9112, 9114, 9133 - FRU](#) > [00P4473, 09P3391, 09P6540 - Feature](#) > [IBM 2843](#)



[IBM 911x-2843 - POWER GXT6500P Graphics Accelerator - System](#) > [7026, 7028, 7043, 7044, 7047, 9111, 9112, 9114, 9133 - FRU](#) > [00P4473, 09P3391, 09P6540 - Feature](#) > [IBM 2843](#)

**SKU:** 911x-2843  
**RETAIL:** ~~2,400.00~~  
**PRICE:** 250.00

## Description

### (#2843) POWER GXT6500P Graphics Accelerator

IBM POWER GXT6500P -- Mid-range, 3D 64-bit PCI graphics accelerator

- Attachment via a single 64-bit or 32-bit PCI bus slot
- Geometry Accelerator on-board delivering highest ever IBM 3D graphics performance
- Native support for OpenGL and graPHIGS 3D APIs
- Advanced 3D texture mapping
- Digital monitor support

The GXT6500P Graphics Accelerator is a 64-bit mid-range 3D PCI Graphics adapter. The graphics subsystems provide excellent functionality and performance for demanding graphics applications in:

- Mechanical Computer Aided Design (MCAD) and Engineering (MCAE) for automotive and aerospace
- Petroleum exploration and production
- Scientific Visualization
- LifeScience Visualization
- Other technical design and visualization

This adapter has the following base features:

- 128MB Unified Frame Buffer:
  - 24 Bit Double Buffered up to 2048 x 1536
  - 24-Bit Double Buffered Stereo up to 1280 x 1024
  - 24-Bit Z-Buffer
  - 4/8 Bit Overlay
  - 8 Bit Double Buffered Alpha
  - 8 bit Stencil
  - 8 windows ID bits
  - 4 Clipping Planes
- Texture Mapping:
  - up to 110MB Texture Memory (1280 x 1024)
  - Dual Texture
  - 3D texture
- 4 Hardware Color Maps
- Full OpenGL, graPHIGS Geometry Accelerator

API support- X11, graPHIGS, OpenGL 1.2.1.

Monitor Support:

- Resolutions Supported: 8/24 bit (up to 2048 x 1536 @ 60Hz)
- Digital Monitor Support (up to 1600 x 1200 @ 60Hz)
- DDC2B support
- ISO 9241 Compliant

Software Requirements: AIX Version 4.3.3 or 5.1. or later.

The GXT6500P is packaged on a standard single-slot PCI card. The PCI interface is 64-bit, up to 66 MHz and 5.0v or 3.3v. There are no options.

- Attributes provided: 3D Graphics
- Attributes required: 1 long PCI 32 or 64-bit slot, 5.0v or 3.3v