



# 12X Blu-ray Disc Writer Super Multi Format

PX-B940SA

SATA

The PX-B940SA internal 12X BD Writer is the fastest Blu-ray writing speed available in the market today. It provides you with a convenient solution for Blu-ray playback, while simultaneously offering increased storage capacity with BD writing capabilities.

The PX-B940SA can store up to 50GB of data on a single double-layer BD disc, equivalent to 9 hours High-Definition (HD) video or 23 hours of standard definition video. It is capable of recording and playing back today's most popular media formats including Blu-ray, DVD, and CD. It writes up to 12x BD-R DL/SL, 2x BD-RE; reads & writes up to 16x DVD±R, 8x DVD+RW, 6x DVD-RW, 8x DVD±R DL, 5x DVD-RAM, 40x CD-R and 24x CD-RW.

Bundled with CyberLink's TrueTheater™ HD technology, you can easily boost DVD video and audio quality to achieve HD-like results and smoother playback. The software turns standard content into HD-quality images, by up-scaling video resolution from 480p to 1080p. You can now enjoy high definition movies on your PC-based home theater.

## The Latest Technology

- Supports Blu-ray Disc writing speed up to 12X
- Stores up to 50GB on a double-layer BD disc, or 25GB on a single-layer BD disc
- Stores up to 9 hours High-Definition (HD) or 23 hours of standard definition video on a single double-layer BD disc
- Converts standard definition DVD content to high definition quality images with TrueTheater™ technology

## Reliability and Robustness

- Low vibration mechanism design improves overall writing accuracy
- Supports a wide array of BD, DVD, and CD archive and playback
- SATA interface for better performance & compatibility

## Creative & Fun

- Comprehensive Cyberlink BD Suite software included – authoring and burning, data archiving, disc playback, slideshow creation, video editing, and more
- Enjoy picture-perfect quality and digital surround sound on your PC-based home-theater system

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### System Requirements

<b>CPU</b>	Intel Pentium 4 2.0 GHz or equivalent or higher Intel Pentium-D 3.0 or Higher for BD Playback/Authoring
<b>Memory (RAM)</b>	512 MB (1GB recommended) 1GB required for BD Playback/Authoring
<b>Interface</b>	SATA (Serial ATA)
<b>Operating System</b>	Microsoft Windows 7 , Vista, XP-SP2
<b>Hard disk Drive</b>	1 GB free space required for software installation., Up to 10 GB free space required for DVD authoring. Up to 50 GB free space required for BD authoring
<b>Other</b>	Internet connection recommended for updates
<b>For High-Definition Content Playback or Authoring:</b>	HDCP supported graphic cards with 256MB RAM and 32-bit color support. ATI x1600 or nVidia 7600GT or later GPU HDCP capable monitor or TV required.

### Front Panel

<b>Eject Button</b>	Eject or retract disc tray
<b>LED Light</b>	Activity indicator
<b>Emergency Eject</b>	Manually eject disc tray

### Rear Panel

<b>Power Connector</b>	15 pin connector for DC12/5V input
<b>Data Connector</b>	7 pin connector for SATA cable

### Dimensions and Weight

<b>Dimensions (W/H/D)</b>	5.75 x 1.83 x 7.28 inch
<b>Weight</b>	1.81 lbs

### Package Contents

<b>Drive</b>	PX-B940SA Internal BD/DVD/CD Writer
<b>Software</b>	Cyberlink BD Suite with TTHD
<b>Accessory</b>	Mounting Screws and SATA Cable
<b>Document</b>	QIG and Warranty Statement

### Performances

#### Transfer Rate

#### BD Media

<b>BD-R / BD-R DL</b>	12X Maximum Write
<b>BD-RE / BD-RE DL</b>	2X Maximum Write
<b>BD-ROM SL/DL</b>	8X Maximum Read

#### DVD Media (Read/Write)

<b>DVD±R</b>	16X Maximum
<b>DVD±R DL</b>	8X Maximum
<b>DVD+RW</b>	8X Maximum
<b>DVD-RW</b>	6X Maximum
<b>DVD-RAM</b>	5X Maximum
<b>DVD-ROM</b>	16X Maximum

#### CD Media (Read/Write)

<b>CD-R</b>	40X Maximum
<b>CD-RW</b>	24X Maximum
<b>CD-ROM</b>	40X Maximum

#### Access Time (Typical)

<b>BD Media</b>	280 ms
<b>DVD Media</b>	170 ms
<b>CD Media</b>	140 ms
<b>Buffer Size</b>	4MB

### Media Information

<b>Supported BD Format</b>	BD-R, BD-RE, BD-ROM, BD-R DL, BD-RE DL, BD-ROM-DL
<b>Supported BD Writing Method</b>	(BD-R) Sequential Recording; (BD-RE) Random Recording.
<b>Supported DVD Format</b>	DVD-ROM, DVD-Video, DVD-RAM, DVD±R (Single/Multi Boarder), DVD±R DL (Single/Multi boarder), DVD± RW
<b>Supported DVD Writing Method</b>	Disc-at-Once, Incremental Recording, (DVD-RW) Restricted Overwrite, (DVD+RW/DVD-RAM) Random Access Write, (DVD-R DL) Layer Jump
<b>Supported CD Format</b>	CD-DA, CD-Text, CD ROM Mode-1/2, CD-ROM XA, CD-I, Photo CD, Video CD, CD Extra
<b>Supported CD Writing Method</b>	Disc-at-Once, Track-at-Once, Session-at-Once, Fixed Packet, Variable Packet
<b>Supported Disc Size:</b>	12cm or 8cm Diameter

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