

## Features

**LH-2B1S**

- ★ Massive data capacity, up to 25GB on one BD-R / BD-RE disc
- ★ Serial ATA Interface
- ★ SMART-BURN(\*1) avoiding Buffer Under Run error, smartly adjusting writing strategy & running OPC to provide the best burning quality
- ★ DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(4.7GB), DVD+R, DVD+R Double Layer, DVD-R Dual Layer, DVD+RW and DVD-RW discs with diameter of 8 or 12 cm
- ★ CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo CD, Multi-session, Karaoke CD, Video CD, CD-I FMV, CD Extra, CD-R, and CD-RW discs of 8 or 12 cm
- ★ Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed.
- ★ Support Fixed packet, Variable packet, Disc-at-once, Session-at-once and Track-at-once

## Specifications

- ◎ **BD ( Blu-ray Disc ) Family : ( 12 cm disc )**

<b>Write :</b>	BD-R	2X maximum
<b>ReWrite :</b>	BD-RE	2X maximum
<b>Read :</b>	BD-ROM	2X maximum
- ◎ **DVD Family :**

<b>Write :</b>	DVD+R	12X maximum
<b>( 12 cm disc )</b>	DVD+R DL	4X maximum
	DVD-R	12X maximum
	DVD-R DL	4X maximum
<b>ReWrite :</b>	DVD+RW	8X maximum
<b>( 12 cm disc )</b>	DVD-RW	6X maximum
<b>Read :</b>	DVD-ROM	12X maximum
- ◎ **CD Family :**

<b>Write :</b>	CD-R	32X maximum
<b>ReWrite :</b>	CD-RW	24X maximum in Ultra Speed disc
<b>Read :</b>	CD-ROM	32X maximum
- ◎ **Access time :**

BD Family	350ms
DVD Family	160ms
CD Family	160ms
- ◎ **PC Required :** Pentium 4 2.0GHz or faster CPU and 512MB or higher RAM are required  
> 30GB HDD available capacity  
**For High Definition BD Playback & Authoring: ( Only Windows XP SP2 ) (\*2)**  
Pentium D 3.4GHz or faster CPU and 1GB or higher RAM are required  
HDCP capable graphics card with 256MB RAM, PCI Express x16, 1920x1200 resolution, 32bit color  
GPU : nVidia GeForce 6600GT / 7600GT / 7800GTX512 / 7900GX2 / 7900GTX / 7950GX2  
and ATI X1600 / X1800 / X1900 series are recommended  
> 60GB HDD available capacity  
HDCP capable Monitor or TV for High Definition digital output
- ◎ **Compatibility :** Windows 2000 SP4 / Windows XP SP2
- ◎ **Environment :**

Operating	5°C to 50°C; Relative Humidity: 10% to 80%, no condensation allowed
Non-Operating	-20°C to 60°C; Relative Humidity: 5% to 95%, no condensation allowed
- ◎ **Dimensions :** 146(W) x 41.4(H) x 177.5(D) mm
- ◎ **Weight :** 850g

\*1 SMART-BURN : Smart Monitoring & Adapting Recording Technology for BURNing.

\*2 Please download BD Advisor to check if your PC System is ready for BD movie playback.