ComX Computers
Product Specification Sheet

BH14NS40

LG 14X Internal Blu-Ray Rewriter



Specifications

Overview:

Read and write blu-ray discs at 14x with the bh14ns40 that allows you to record up to 128gb of files, photos, or documents onto a quad-layer bdxl disc. Sata interface technology allows for easier integration and faster performance while m-disc provides superior reliability in data storage that is perfect for archiving important data.

Features:

Multi blue compatibility
Lg super multi blue optical drives can read and write four types of disc formats in one convenient package: dvd+r; rw dvd-r; rw dvd-ram; blu-ray disc. This gives you the option to choose the media best suited for each task.

Blu-ray
Blu-ray disc is the next generation in optical storage, offering 25gb and 50gb of storage capacity on a disc.

Serial ata techonology
Serial ata is a 1.5gbps evolutionary replacement for the parallel ata physical storage interface used to connect storage devices, such as hard disks, dvd and cd rewriters to the pc motherboard. Serial ata is scalable, enables design of smaller pcs, and will allow future enhancements to the computing platform

M-disc
Compared to other recordable dvds on the market today, m-disc offers superior reliability in data storage that provides the permanent optical data storage solution.

Specifications:

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Specifications	
Product Code	BH14NS40

TYPE	Super Multi Blue Internal SATA 14x Blu-ray Disc Rewriter
BURST TRANSFER RATE	1.5Gbps bits/s (10b side); 1.2Gbps bits/s (8b side)
BUFFER SIZE	4 MB Buffer Under-run prevention function embedded
HOST INTERFACE	Serial ATA (Serial ATA 1.1a)
COMPLIANCE	RoHS
OPERATING SYSTEMS	Windows XP, Windows Vista, Windows 7
DIMENSIONS (W x H x D)	5.7" x 1.6" x 6.5" (146 x 41.3 x 165mm)
WEIGHT	1.65 lb (750g)
SOFTWARE	CyberLink Power2Go; CyberLink PowerDVD; CyberLink PowerBackup; CyberLink PowerProducer
UPC	058231306590
TRANSFER RATES-WRITE	
BD-R (SL)	2x, 4x CLV, 6x, 8x, 10x PCAV, 12x PCAV, 14x CAV (DL/ TL&QL) 2x, 4x CLV, 6x, 8x PCAV, 12x CAV/ 2x, 4x CLV, 6x ZCLV
BD-R (SL L to H)	2x, 4x CLV, 6x PCAV
BD-RE (SL/DL/TL)	2x CLV/ 2x CLV
DVD-R	2x, 4x CLV, 8x ZCLV, 8x, 12x PCAV, 16x CAV
DVD-R DL	2x, 4x CLV, 8x PCAV
DVD-RW (SL)	1x, 2x, 4x, 6x CLV
DVD-RAM	2x, 3x, 5x CLV
M-DISC	4x
DVD+R	4x CLV, 8x, 12x PCAV, 16x CAV
DVD+R DL	2.4x, 4x CLV, 8x PCAV
DVD+RW	2.4x, 4x, 6x CLV, 8x ZCLV
CD-R	8x, 16x CLV, 24x, 32x, 40x PCAV, 48x CAV
CD-RW	4x, 10x, 16x CLV, 24x ZCLV
TRANSFER RATES - READ	
BD-ROM (SL/DL)	12x / 8x CAV
BD-R (SL L to H)	6x CAV
BD-R (SL/DL)	12x / 8x CAV
BD-R (TL/QL)	6x / 6x CAV
BD-RE (SL/DL)	8x /6x CAV
BDMV (AACS Compliant Disc)	12x
DVD-ROM (SL/DL)	16x / 12x CAV
DVD-R (SL/DL)	16x / 12x CAV
DVD-RW(SL)	12x CAV
DVD+R (SL/DL)	16x / 12x CAV

DVD+RW (SL/DL)	12x CAV
DVD-RAM	2x, 3x, 5x CLV
M-DISC	12x
DVD-Video (CSS Compliant Disc)	12x / 8x CAV (SL/DL)
CD-R/RW/ROM	48x / 40x / 48x CAV
CD-DA (DAE)	40x CAV
80mm CD	11.5x CAV
ACCESS TIME	
BD-ROM	180 ms typ.
DVD-ROM	160 ms typ.
DVD-RAM	180 ms typ.
CD-ROM	150 ms typ.
SUSTAINED RATE	
BD-ROM	> 62.93 MB/s (>14x)
DVD-ROM	22.16 Mbytes/s (16x) max.
CD-ROM	7, 200 kB/s (48x) max.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/BH14NS40-LG-14X-Internal-Blu-Ray-Rewriter-p-85851.php

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