ComX Computers
Product Specification Sheet

BH16NS40

LG BH16NS40 16x Blu-ray writer

Product Overview

LG BH16NS40 - 16x Blu-ray writer, black - support triple layer 128Gb BDXL/50/25/17/8.5/4.7GB; SATA, 4mb buffer - Retail pack



Specifications

Features:

12x BD ROM Reading and Max 16x DVD RW writing speed
Capture all the excitement of Blu-ray with the 12x BD-ROM reader that allows for fluent playback. Plus, burn more discs in less time with 16x DVD-Max writing speed.

Superior data protection with M-DISC™ Support
The M-DISC™uses a patent rock-like recording surface instead of organic dye to etch your data onto a disc. The M-DISC has been tested and proven to outlast standard DVDs currently on the market.

Experience 3D Blu-ray
Take entertainment to the next level with 3D using the new Power BD-DVD 3D Software bundle. With 2D to 3D converting feature, you can bring new dimensions to all your videos.

BDXL Ultimate Capacity
Three Layer BDXL-R/BDXL RE discs offer 100GB capacity while quad layer BDXL-R discs boast 128GB storage capacity. You can now write up to 128GBs of data on a single quad layer BDXL™ disc which is the equivalent of 27 standard dvds or 5 single layer Blu-ray discs.

Specifications:

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Specifications	
Product Code	BH16NS40

OPERATING SYSTEMS	
OPERATING SYSTEMS	Windows XP, Windows Vista, Windows 7, Windows 8
TYPE	
Super Multi Blue Internal	SATA 16x Blu-ray Disc Rewriter
TRANSFER RATES-WRITE	
BD-R (SL)	2x, 4x CLV, 6x, 8x, 10x PCAV, 12x CAV, 16x CAV
BD-R (DL/ TL&QL)	2x, 4x CLV, 6x, 8x PCAV, 12x CAV/ 2x, 4x CLV, 6x ZCLV
BD-R (SL LTH)	2x, 4x CLV, 6x PCAV
BD-RE (SL/DL/TL)	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
M-DISC	4x
DVD-RAM	2x, 3x, 5x CLV
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-R (SL L to H)	6x CAV
BD-ROM (SL/DL)	12x / 8x 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.
BURST TRANSFER RATE	
8b side	1.2Gbps bits/s
10b side	1.5Gbps bits/s
BUFFER SIZE	
BUFFER SIZE	4 MB Buffer Under-run prevention function embedded
HOST INTERFACE	
HOST INTERFACE	Serial ATA (Serial ATA 1.1a)
COMPLIANCE	
RoHS	Yes
DIMENSIONS (W x H x D)	
DIMENSIONS (W x H x D)	5.7" x 1.6" x 6.5" (146 x 41.3 x 165mm)
WEIGHT	
WEIGHT	1.65 lb(750g)
SOFTWARE	
CyberLinkPower2Go	Yes
CyberLink PowerDVD	Yes
CyberLink PowerBackup	Yes
CyberLink PowerProducer	Yes

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/BH16NS40-LG-BH16NS40-16x-Blu-ray-writer-p-80259.php

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