

Ultra Slim Blu-ray/ DVD Writer

3D Blu-ray Disc Playback &
M-DISC™ Support

▶ **BU20N**



The LG BU20N Ultra Slim Blu-ray / DVD Writer features Blu-ray, DVD and CD burning capabilities and M-DISC support. Simply plug in and record up to 100GB of files, photos, or business documents onto a BD-XL(triple layer) disc. The BU20N gives you the option to choose the media best suited for each task.

Silent Play

Reduces Noise from Disc Spin During Movie Playback

Supports 3D Blu-ray Disc Playback

Supports BD-XL (100GB Triple Layer) Disc

Jamless Play

Smooths Out Playback of Damaged Blu-ray or DVD Discs

Max. 6X BD-R Read and Write Capability

Max. 8X DVD±R Write Speed

Blu-ray Disc (Including BD-XL, M-Disc), DVD (Including M-DISC & DVD-RAM), and CD Family Read/Write Compatible

4MB Buffer Under-Run Prevention Function Embedded

RoHS Compliant

BLU-RAY DISC					DVD							CD		
6x	2x	4x	4x	6x	8x	8x	6x	5x	8x	6x	4x	24x	16x	24x
BD-R MAX WRITE	BD-RE WRITE	BD-RTL MAX WRITE	M-DISC MAX WRITE	BD-ROM MAX READ	DVD±R MAX WRITE	DVD+RW MAX WRITE	DVD-RW MAX WRITE	DVD-RAM MAX WRITE	DVD-ROM MAX READ	DVD±R DL MAX WRITE	M-DISC MAX WRITE	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI BLUE ADVANTAGES

Compatibility

LG Ultra Slim Blu-ray / DVD Writer can read and write all kinds of disc formats in one convenient package:

1. BD-R/RE
2. DVD-R/-RW/+R/+RW
3. DVD-RAM
4. CD-R/RW

This gives you the option to choose the media best suited for each task.

BDXL™

The BDXL format supports high-capacity Blu-ray discs (up to 100GB) for users that need to store a large amount of data.

M-DISC™

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

Silent Play

As a disc is being read, Silent Play technology automatically controls the disc read speed for optimal noise reduction.

Jamless Play

A damaged disc can cause interruptions during movie playback. Jamless play technology automatically skips past damaged parts of a disc and maintains smooth playback.

TRANSFER RATES- WRITE (MAX)	Model	BU20N
	Type	Ultra Slim Blu-ray / DVD Writer
	BD-R (SL)	2x CLV, 4x PCAV, 6x CAV
	M-DISC BD (BD-R)	2x CLV, 4x PCAV
	BD-R (DL)	2x CLV, 4x PCAV, 6x CAV
	BD-R (TL)	2x CLV, 4x PCAV
	BD-R (QL)	2x CLV, 4x PCAV
	BD-R (SL LTH)	2x CLV, 4x PCAV, 6x CAV
	BD-RE (SL/DL/TL)	2x CLV
	DVD-R (SL)	2x CLV, 4x PCAV, 8x CAV
	DVD-R (DL)	2x CLV, 4x, 6x ZCLV
	DVD+R (SL)	2.4x CLV, 4x PCAV, 8x CAV
	M-Disc DVD (DVD+R)	4x PCAV
	DVD+R (DL)	2.4x CLV, 6x ZCLV
	DVD+RW	2.4x, 3.3x CLV, 4x, 6x, 8x ZCLV
	DVD-RW	2x, 3x CLV, 4x, 6x ZCLV
	DVD-RAM	2x, 3x CLV, 5x PCAV
	CD-R	10x CLV, 16x PCAV, 24x CAV
	CD-RW	4x, 10x CLV, 16x ZCLV

TRANSFER RATES- READ (MAX)	Model	BU20N
	BD-ROM (SL/DL)	6x CAV
	BD-R (SL/DL)	6x CAV
	BD-R (TL/QL)	6x CAV
	BD-R (SL LTH)	6x CAV
	BD-RE (SL/DL)	6x CAV
	BD-RE (TL)	4x PCAV
	BDMV (AACs Compliant Disc) (SL/DL)	6x CAV
	DVD-ROM (SL/DL)	8x CAV
	DVD-R (SL/DL)	8x CAV
	DVD+R (SL/DL)	8x CAV
	DVD-RW	8x CAV
	DVD+RW	8x CAV
	DVD-RAM	2x, 3x CLV, 5x PCAV
	DVD-Video (CSS Compliant Disc) (SL/DL)	8x CAV
	CD-R/RW/ROM	24x / 24x / 24x CAV
	CD-DA	24x CAV
OTHER FEATURES		Silent Play Jamless Play
ACCESS TIME (1/3 STROKE)	BD-ROM DVD-ROM CD-ROM	250ms typ. 200ms typ. 200ms typ.
SUSTAINED TRANSFER RATE	BD-ROM DVD-ROM CD-ROM	26.97 MB/s (6x) max. 11.08 MB/s (8x) max. 3.6 MB/s (24x) max.
BUFFER SIZE		4 MB Buffer Under-run prevention function embedded
HOST INTERFACE	Internal (Drive)	SATA
COMPLIANCE	RoHS Safety UL C-UL TUV SEMKO EMC Laser Safety	Yes UL 60950-1 Second Edition CSA C222 No. 60950-1 Second Edition EN 60950-1 / EN60825-1 EN 60950-1 / EN60825-1 CE Marking, C-Tick Mark, BSMI, FCCI, KC, CU, FCC Part 15 Class B Digital Device, ICES-003 Digital Apparatus Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-q/IEC 60825-1
OPERATING SYSTEMS		Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP
SYSTEM REQUIREMENTS	CPU Recommended CPU HDD RAM BD Movie Playback CPU	Intel® Pentium D 3.2GHz or Higher (with USB 2.0) Intel Core 2 Duo P8600 2.4GHz or higher 30GB or more of available space (60GB for Blu-ray Disc authoring) 1 GB or Higher Following CPU recommended - Intel E6400 or higher
	Graphic Card: Card recommended with following GPU (Graphic Processing Unit)	nVidia GeForce 7600GT or higher / GeForce 8400 or higher Graphic Card Driver shall meet AACs compliance criteria. ATI ATI Radeon HD 2400 or higher Graphic Card Driver shall meet AACs compliance criteria.
DIMENSIONS (WxHxD)		5.0" x 0.3" x 5.0" (128 x 9.5 x 127 mm)
WEIGHT		0.27 lbs +/- 0.02 lbs
UPC		058231312591



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