

Internal Blu-ray Drive

Ultra HD Blu-Ray Playback & M-DISC™ Support

▶ WH16NS60



The LG WH16NS60 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 BDXL (triple layer) disc. The WH16NS60 gives you the option to choose the media best suited for each task.

Silent Play

Reduces Noise from Disc Spin During Movie Playback

Support 3D Blu-ray Disc Playback

Support BDXL (100GB Triple Layer) Disc

Jamless Play

Smooths Out Playback of Damaged Blu-ray or DVD Discs

Max. 16X BD-R Read and Write Capability

Max. 16X DVD±R Write Speed

Blu-ray Disc (Including BDXL, 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		
16x	2x	8x	6x	12x	16x	8x	6x	5x	16x	8x	4x	48x
BD-R MAX WRITE	BD-RE WRITE	BD-R TL 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
												24x
												CD-RW MAX WRITE
												CD-ROM MAX READ
												48x

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THE SUPER MULTI BLUE ADVANTAGE

Compatibility

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

BD-R/RE
DVD-R/-RW/+R/+RW
DVD-RAM
CD-R/RW

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

BDXLT™

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

M-DISC™

M-DISC offers high reliability and long-lasting optical data storage.

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 maintain smooth playback.

TRANSFER RATES- WRITE (MAX)	Model		WH16NS60
	Type		Blu-ray / DVD Writer
	BD-R (SL)		16x ZCLV
	M-DISC BD (BD-R SL / DL / TL)		4x CLV / 6x PCAV / 4x CLV
	BD-R (DL)		12x CAV
	BD-R (TL)		8x ZCLV
	BD-R (QL)		6x ZCLV
	BD-R (LTH)		8x PCAV
	BD-RE (SL/DL/TL)		2x CLV
	DVD-R (SL)		16x CAV
	DVD-R (DL)		8x ZCLV
	DVD+R (SL)		16x CAV
	M-DISC DVD (DVD+R)		4x CLV
	DVD+R (DL)		8x ZCLV
	DVD+RW		8x ZCLV
	DVD-RW		6x CLV
	DVD-RAM		5x CLV
	CD-R		48x CAV
	CD-RW		24x ZCLV
TRANSFER RATES- READ (MAX)	BD-ROM	SL/DL	12x CAV / 8x CAV
	BD-R	SL/DL	12x CAV / 8x CAV
		TL/QL	6x CAV / 6x CAV
		SL LTH	8x CAV
	BD-RE	SL/DL	10x CAV / 6x CAV
		TL	4x CLV
	BDMV (AACs Compliant Disc)(SL/DL)		12x CAV / 8x CAV
	BDMV(UHD)(DL / TL)		8x CAV / 8x CAV
	DVD-ROM	SL/DL	16x CAV / 12x CAV
	DVD-R	SL/DL	16x CAV / 12x CAV
	DVD+R	SL/DL	16x CAV / 12x CAV
	DVD-RW		12x CAV
	DVD+RW		12x CAV
	DVD-RAM		5x CLV
	DVD-Video (CSS Compliant Disc)(SL/DL)		12x CAV / 8x CAV
	CD-R/RW/ROM		48x CAV / 40x CAV / 48x CAV
	CD-DA		40x CAV
OTHER FEATURES	Silent Play		Yes
	Jamless Play		Yes
ACCESS TIME (1/3 STROKE)	BD-ROM		180ms typ.
	DVD-ROM		160ms typ.
	CD-ROM		150ms typ.
SUSTAINED TRANSFER RATE	BD-ROM		53.94 MB/s (12x) max.
	DVD-ROM		22.16 MB/s (16x) max.
	CD-ROM		7.2 MB/s (48x) max.
BUFFER SIZE	4MB Buffer Under-run prevention function embedded		
HOST INTERFACE	Internal (Drive)		SATA
COMPLIANCE	RoHS		Yes
	Safety UL		UL 60950-1 Second Edition
	C-UL		CSA C222 No. 60950-1 Second Edition
	TUV		EN 60950-1 / EN60825-1
	SEMKO		EN 60950-1 / EN60825-1
	EMC		CE Marking, RCM, BSMI, FCCI, KC, CU, FCC Part 15 Class B Digital Device, ICES-003 Digital Appuratus
	Laser Safety		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 10, Windows 8.1, Windows 8, Windows 7		
UHD SYSTEM REQUIREMENTS	CPU		Intel 7th Gen. Kabylake Core i3 or higher
	GPU		Intel HD Graphics 630 or higher
	Chipset		Intel SGX* / HDMI 2.0a / HDCP* 2.2 & 1.4 Support
	O/S		Windows 10
	RAM		Minimum 6GB
	Network		Need To Network Access
	Display		UHD (3,840 x 2,160 pixel) Resolution / HDMI 2.0a (HDR*) / HDCP* 2.2 & 1.4 Support
DIMENSIONS	(WxHxD)		5.7" x 1.6" x 6.5" (W/O Bezel)
WEIGHT			1.4±0.1 lb
OTHER	UPC		719192625198

Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

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