

DVD Drive for Notebooks (9.5mm, Slot type)

Supermulti Slim internal DVD-W
with M-DISC™ Support

► **GS40N**



The LG GS40N Ultra Slim internal DVD Writer features DVD and CD burning capabilities and M-DISC(DVD) support. M-DISC offers superior reliability in data storage that provides the permanent optical data storage solution. The GS40N gives you the option to choose the media best suited for each task.

9.5mm Height Ultra Slim Internal DVD Writer Drive

Max 8x DVD±R Write Speed

Max 24x CD Write Speed

M-DISC Support

Running OPC (Optimize Power Control) Circuit

Buffer Under-Run Prevention Function Embedded

Supports Zero Power Function

RoHS Compliant

DVD							CD		
8x	8x	6x	5x	8x	6x	4x	24x	24x	24x
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 ADVANTAGES

Triple Compatibility

LG Super Multi DVD Writer can read and write all kinds of DVD/CD formats in one convenient package;

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

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

Slim Design

9.5mm slim internal design provides chance to burn and read datas in disc with convenience. Slot type bezel design provides more sleek and slim design for laptop users.

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 maintain smooth playback while reducing interruptions.

TRANSFER RATES-WRITE (MAX)	Model	GS40N
Type		Ultra Slim internal DVD WRITER (9.5mm, Slot type)
DVD-R (SL)		2x CLV, 4x PCAV, 8x CAV
DVD-R (DL)		2x CLV, 4x, 6x ZCLV
DVD-RW		2x, 3x CLV, 4x, 6x ZCLV
DVD-RAM		2x, 3x CLV, 5x PCAV
DVD+R (SL)		2.4x CLV, 4x PCAV, 8x CAV
DVD+R (DL)		2.4x CLV, 4x PCAV, 6x PCAV
DVD+RW		2.4x CLV, 4x ZCLV, 8x ZCLV
CD-R		10x CLV, 16x PCAV, 24x CAV
CD-RW		4x, 10x CLV, 16x ZCLV
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		6x CAV
DVD-Video (CSS Compliant Disc) (SL/DL)		4x CAV
CD-R/RW/ROM		24x / 24x / 24x CAV
CD-DA		24x CAV
OTHER FEATURES		Silent Play
		Jamless Play
ACCESS TIME (RANDOM)	DVD-ROM	160 ms typ.
	DVD-RAM	260 ms typ.
	CD-ROM	140 ms typ.
SUSTAINED TRANSFER RATE	DVD-ROM	11.08 MB/s (8x) max.
	CD-ROM	3.6 MB/s (24x) max.
BURST TRANSFER RATE		SATA Gen.1 1.5 Gbps (150MB/s)
BUFFER SIZE		0.75MB Buffer Under-run prevention function embedded
HOST INTERFACE	Internal (Drive)	SATA
COMPLIANCE	RoHS	Yes
	Safety UL	UL 60950-1 first Edition
	TÜV	EN 60950-1 / EN60825-1
	SEMKO	EN 60950-1 / EN60825-1
	EMC / EMI	CE Marking, C-Tick Mark, Korean EMC(KC), Taiwan EMC (BSMI), VCCI
	Laser Safety	Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-1 / IEC 60825-1
OPERATING SYSTEMS		Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP, Windows Server 2008, Windows Server 2003
SYSTEM REQUIREMENTS	CPU	Intel Pentium 2.4GHz or Higher
	Recommended	Intel Pentium 3.2GHz or Higher
	HDD	20GB or more of available space
	RAM	1GB or Higher
	Video Memory	64 MB or higher (128 MB recommended)
DIMENSIONS (WxHxD)		5.0" x 0.4" x 5.0" (128mm x 9.5 mm x 127mm)
WEIGHT		0.3 lbs. (145g)
UPC		058231 312584

