

DVD REWRITER

GT40N

OPTICAL
DRIVE

Super-Multi 8x DVD Rewriter for Notebooks



OPTICAL SOLUTIONS FOR NOTEBOOKS

Enhance your notebook capabilities with Super-Multi internal DVD rewriters from LG. Write and rewrite CD discs at a 24x max speed, and write DVD±R discs at 8x. For triple compatibility, Super-Multi technology supports CD, DVD±R, and DVD-RAM formats.

12.7MM HEIGHT INTERNAL

MAX 8X DVD±R WRITE SPEED

MAX 24X CD WRITE SPEED

RUNNING OPC (OPTIMIZE POWER CONTROL) CIRCUIT

BUFFER UNDER-RUN PREVENTION FUNCTION EMBEDDED

SUPPORTS POWER SAVING AND SLEEP MODE



DVD						CD			
8x	8x	6x	5x	8x	6x	6x	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	DVD-R DL MAX WRITE	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI ADVANTAGE

Triple Compatibility

LG Super Multi DVD Rewriter – Super Multi optical drives can read and write three types of DVD formats in one convenient package:

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

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

Serial ATA Technology

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.

TECHNICAL SPECIFICATIONS

TYPE	Super-Multi Notebook DVD Rewriter	
TRANSFER RATES—WRITE	DVD-R	2x CLV, 4x ZCLV, 8x CAV
	DVD-R DL	2x CLV, 4x ZCLV, 6x PCAV
	DVD-RW	2x CLV, 4x, 6x ZCLV
	DVD-RAM	2x, 3x ZCLV, 5x PCAV(Ver.2.2)
	DVD+R	2.4x CLV, 4x ZCLV, 8x CAV
	DVD+R DL	2.4x CLV, 4x ZCLV, 6x PCAV
	DVD+RW	2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV (8x Speed disc: 3.3x CLV, 8x ZCLV)
	CD-R	10x CLV, 16x, 24x CAV
	CD-RW	4x, 10x CLV, 16x ZCLV, 24x ZCLV (High Speed: 10x CLV, Ultra Speed: 24x ZCLV, Ultra Speed plus: 24x ZCLV)
	TRANSFER RATES - READ	DVD-R/RW/ROM
DVD-R DL		8x max.
DVD-RAM (Ver.1.0/2.2)		5x
DVD-Video(CSS Compliant Disc)		4x max (Single/Dual layer)
DVD+R/+RW		8x/8x max.
DVD+R DL		8x max
CD-R/RW/ROM		24x/24x/24x max.
ACCESS TIME	CD-ROM	140 ms typ.
	DVD-ROM	160 ms typ.
	DVD-RAM (Ver. 2.2)	260 ms typ.
SUSTAINED TRANSFER RATE	CD-ROM	3,600 kB/s (24x) max.
	DVD-ROM	11.08 Mbytes/s (8x) max.
BUFFER SIZE	1 MB Buffer Under-run prevention function embedded	
HOST INTERFACE	Serial ATA	
	T13 ATA/ATAPI-7	
	MMC-4, INF-8090i v5	
OPERATING SYSTEMS	Windows 7, Windows Vista™, Windows XP	
DIMENSIONS (WxHxD)	5.0" x 0.5" x 5.0"	128 x 12.7 x 127mm
WEIGHT	0.4 lbs	162g
	UPC	GT40N (Bare)

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TECHNOLOGY

SPECIFICATIONS