

BLU-RAY COMBO

CT10N

OPTICAL  
DRIVE

# Super-Multi Slim Blu-ray™ Combo Drive



## BLU FOR YOUR NOTEBOOK

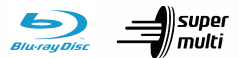
Enhance notebook capabilities with the LG CT10N Super-Multi Slim Blu-ray Combo Drive. Read and write in CD and DVD formats with the additional feature of accessing and viewing Blu-Ray Discs in full HD 1920x1080p resolution. SATA interface technology allows for easier integration and ultimately faster performance. Burn fast, burn right and read blu.

READ AND PLAY BLU-RAY DISCS

SATA INTERFACE

SUPPORTS DOUBLE LAYER DVD+R,  
DUAL LAYER -R DISCS (8.5GB)

LARGE BUFFER MEMORY: 4MB WITH EMBEDDED  
UNDER-RUN PREVENTION



### BLU-RAY DISC

<b>4.8x</b>	<b>4.8x</b>	<b>4.8x</b>	<b>4.8x</b>
BD-ROM (SL/DL) Max Read	BD-R (SL/DL) MAX READ	BD-RE (SL/DL) MAX READ	BDMV

### DVD

<b>8x</b>	<b>4x</b>	<b>8x</b>	<b>6x</b>
DVD±R MAX WRITE	DVD±R (DL) MAX WRITE	DVD+RW MAX WRITE	DVD-RW MAX WRITE

### CD

<b>24x</b>	<b>16x</b>
CD-R MAX WRITE	CD-RW MAX WRITE

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## THE SUPER MULTI ADVANTAGE

### Multiple Compatibility

Super Multi optical drives can read and write three types of DVD 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.

In addition, The CT10N allows you to read and access Blu-ray formats.

### 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 Slim Blu-ray Combo Drive		
<b>TRANSFER RATES—WRITE</b>	DVD-R	2x CLV, 4x ZCLV, 8x CAV	
	DVD-R DL	2x CLV, 4x ZCLV	
	DVD-RW	1x, 2x CLV, 4x, 6x ZCLV	
	DVD-RAM	2x, 3x ZCLV, 5x PCAV (Over 12x Media: Not supported)	
	DVD+R	2.4x CLV, 4x ZCLV, 8x CAV	
	DVD+R DL	2.4x CLV, 4x ZCLV	
	DVD+RW	2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV	
	CD-R	10x CLV, 16x, 24x ZCLV	
	CD-RW	4x, 10x CLV, 16x ZCLV (High Speed: 10x CLV, Ultra Speed: 16x ZCLV, Ultra Speed plus: 16x ZCLV)	
	<b>TRANSFER RATES - READ</b>	BD-ROM (SL/DL)	4.8x CAV
		BD-R (SL/DL)	4.8x CAV
		BD-R (SL LTH)	4x CAV
		BD-RE (SL/DL)	4.8x CAV
BDMV (AACs Compliant Disc)		4.8x CAV	
DVD-ROM (SL/DL)		8x/8x CAV	
DVD-R (SL/DL)		8x/6x CAV	
DVD-RW (SL)		8x CAV	
DVD+R (SL/DL)		8x/6x CAV	
DVD+RW (SL/DL)		8x/6x CAV	
DVD-RAM		2x, 3x ZCLV, 3x-5x PCAV	
DVD-Video		8x CAV (CSS Compliant Disc, SL/DL)	
CD-R/RW/ROM		24x CAV	
CD-DA (DAE)	20x CAV		
8cm CD	10x CAV		
Video CD	24x CAV		
<b>ACCESS TIME</b>	BD-ROM	200 ms typ.	
	DVD-ROM	160 ms typ.	
	DVD-RAM	200 ms typ.	
	CD-ROM	160 ms typ.	
<b>SUSTAINED RATE</b>	BD-ROM	215.79 Mbits/s (6x) max	
	DVD-ROM	11.08 Mbits/s (8x) max	
	CD-ROM	3,600 kB/s (24x) max	
<b>BURST TRANSFER RATE</b>	1.5 G bits/s (10b side)		
	1.2 G bits/s (8b side)		
<b>BUFFER SIZE</b>	4MB (Buffer Under-run prevention function embedded)		
<b>HOST INTERFACE</b>	Serial ATA 1.0a		
	X3T13 ATA/ATAPI7/1532D		
	INF-8090i Ver.6.1		
	INCITS xxx T10/1675D Revision 4		
<b>OPERATING SYSTEMS</b>	Windows Vista™, Windows XP		
<b>DIMENSIONS (WxHxD)</b>	5.0" x 0.5" x 5.0" (128 x 12.7 x 127mm)		
<b>WEIGHT</b>	0.4 lbs (182g)		
<b>MODEL NAME</b>	CT10N		

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TECHNOLOGY

SPECIFICATIONS