

# GD-7000 Series DVD-ROM Drive

Model	GD-7000	GD-7500
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## Performance Specifications

Total Capacity	DVD-RAM	4.7 GB / side and 2.6 GB / side*	
	DVD-R	4.7 GB / side and 3.95 GB / side	
	DVD-ROM	4.7 GB / side and 8.5 GB / side	
	CD-ROM	650 MB (mode 1) / 742 MB (mode 2)	
Data Transfer Rate (maximum)	DVD-RAM	2.7 MB/s	
	DVD-ROM	10.8 MB/s	16.08 MB/s
	CD-ROM	6 MB/s	
Access Time (typical)	DVD-RAM	210 ms	
	DVD-ROM	120 ms	
	CD-ROM	90 ms	
Rotational Speed (maximum)	DVD-RAM	3,250 rpm (4.7 GB / side)	
	DVD-ROM	4,710 rpm (single layer discs) / 5,180 rpm (dual layer discs)	7,065 rpm (single layer discs) / 7,770 rpm (dual layer discs)
	CD-ROM	9,450 rpm	
Burst Transfer Rate	33.3 MB/s max. (UDMA 33)		
Interface	Enhanced IDE (ATAPI)		
Buffer Memory	512 kB		

## Compatible Formats (read only)

DVD-RAM	4.7 GB / side and 2.6 GB / side (bare media only)	
DVD-ROM	DVD-ROM (single or dual-layer, single or double sided)	
DVD-R	4.7 GB / side and 3.95 GB / side	
CD-ROM	CD-ROM	
	CD-R	
	CD-RW	
	CD-ROM-XA	
	CD-I	
	CD Audio (CD-DA)	
	Photo-CD Multi-session	
	CD-Extra	
	CD-Text	

## Operating & Storage Conditions

Ambient Temperature	Operating	5° - 45° C (41° - 113° F)
	Storage	-30° - 60° C (-22° - 140° F)
Relative Humidity	Operating	15% - 85% (non-condensing)
	Storage	10% - 90% (non-condensing)

## Reliability

Data Error Rate	10 <sup>-12</sup>
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## Dimensions

Drive ( W x H x D)	146 x 41.3 x 180 mm
Mass (weight)	0.98 kg approx.

\*GB = 1,000,000,000 BYTES

# HITACHI

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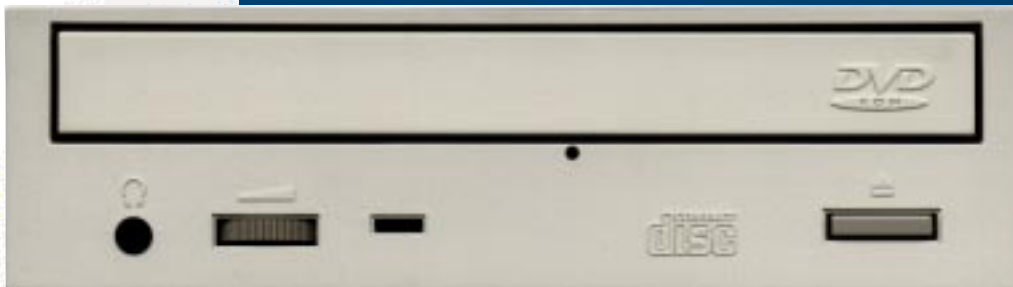
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Web Site: <http://www.hitachi.com/storage>

For information on other Hitachi products: 800-HITACHI (800-448-2244)

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# DVD ROM



## GD-7000 Series

- ◆ DVD-ROM drive for Multimedia PC applications
- ◆ 12x max. DVD-ROM read speed
- ◆ 120 ms DVD-ROM / 90 ms CD-ROM access time
- ◆ Enhanced IDE (ATAPI) interface
- ◆ DVD-RAM, DVD-R, DVD-ROM, CD-RW, CD-R, CD-ROM disc compatible

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