

Internal Optical Disc drive

Blu-ray Disc Drive SW-5583-C

Features:



- BD-R (SL / DL) 4X Speed Writing / Reading
- BD-RE (SL / DL) 2X Speed Writing / Reading
- BD-ROM (SL / DL) 4X Speed Reading
- DVD Multi Read / Write support
- Serial ATA Interface

Compatible Media / Maximum Transfer Rate

<i>Media</i>		Write	Read
<i>BD-RE (Single Layer / Dual Layer)</i>		2X	2X
<i>BD-R (Single Layer / Dual Layer)</i>		4X	4X
<i>BD-ROM (Single Layer / Dual Layer)</i>		-	4X
<i>DVD-RAM</i>		5X	5X
<i>DVD-R</i>		16X	16X
<i>DVD-R DL (Dual Layer)</i>		8X	8X
<i>DVD-RW</i>		6X	8X
<i>DVD+R</i>		16X	16X
<i>DVD+R DL (Double Layer)</i>		8X	8X
<i>DVD+RW</i>		8X	8X
<i>DVD-ROM</i>	Single Layer	-	16X
	Dual Layer	-	8X
<i>CD-R</i>		40X	40X
<i>CD-RW</i>		24X	32X
<i>CD-ROM</i>		-	40X

Performance may vary based on computer specifications.

Specifications

<i>Loading Type</i>		Half Height Tray Type
<i>Data Capacity</i> (Blu-ray Disc SL / DL)		25 / 50Gbytes
<i>Interface</i>		Serial ATA (1.5Gbps)
<i>Buffer Memory</i>		8Mbytes
<i>Error Rate</i>	Soft Read Error	Less than 10^{-9}
	Hard Read Error	Less than 10^{-12}
<i>Power Requirements</i> (Voltage)		DC +5V \pm 0.25V DC +12V \pm 1.2V
<i>Temperature</i> (Center of Top Cover)	Operating	5°C ~ 50°C
	Storage	-30°C ~ 60°C
<i>Relative Humidity</i>	Operating	10% ~ 80% (Non-condensing)
	Storage	5% ~ 90% (Non-condensing)
<i>Mounting Orientation</i>		Horizontal or Vertical
<i>Dimensions</i> (W × H × D)		146.0mm × 41.1mm × 190.0mm (Depth dimension without Bezel)

Specifications are subject to change without notice.

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