

# Internal Optical Disc drive

## Blu-ray Disc Drive SW-5584-C

### Features



- BD-R (SL / DL) 8X Speed Writing / Reading
- BD-RE (SL / DL) 2X Speed Writing / Reading
- BD-ROM (SL / DL) 8X Speed Reading
- DVD Multi Read / Write support
- Serial ATA Interface

### Compatible Media / Maximum Transfer Rate

Media	Write	Read	
BD-RE (Single Layer / Dual Layer)	2X	2X	
BD-R (Single Layer / Dual Layer)	8X	8X	
BD-ROM (Single Layer / Dual Layer)	-	8X	
DVD-RAM	5X	5X	
DVD-R	16X	16X	
DVD-R DL (Dual Layer)	8X	8X	
DVD-RW	6X	8X	
DVD+R	16X	16X	
DVD+R DL (Double Layer)	8X	8X	
DVD+RW	8X	8X	
DVD-ROM	Single Layer	-	16X
	Dual Layer	-	12X
CD-R	48X	48X	
CD-RW	24X	32X	
CD-ROM	-	48X	

Performance may vary based on computer specifications.

### Specifications

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

Specifications are subject to change without notice.