WH08LS20

DVD-RW LG 8X SMT LS RAY SATA

Items		BD/DVD/CD	
General	Supported Discs *1	BD-ROM(SL/DL), BD-RE*2(SL/DL), BD-R(SL/DL), DVD-ROM(SL/DL), DVD-R(SL/DL), DVD-RW, DVD+R(SL/DL), DVD+RW, DVD-RAM*3, CD-ROM, CD-ROM XA, CD-I, Photo-CD (Single & Multi-Session), Video CD, CD-Audio Disc, Mixed mode, CD-ROM disc (data and audio), CD-Extra, CD-Text, CD-R, CD-RW	
	Disc Diameter	12cm/ 8cm (8cm disc can be used only with drive placed horizontally.)	
	Host Interface	Serial ATA	
	Read/Write Speed *4	**Write :** **BD-R (SL/DL)** : 2x, 4x, 6x, 8x/ 2x, 4x, 6x, 8x **BD-R (SL L to H)** : 2x **BD-RE (SL/DL)** : 2x/2x **DVD-R** : 2x, 4x, 8x, 12x, 16x **DVD-R (DL)**: 2x, 4x **DVD-RW (SL)** : 1x, 2x, 4x, 6x **DVD-RAM** : 2x, 3x, 5x **DVD+R** : 2.4x, 4x, 8x, 12x, 16x **DVD+R (DL)**: 2.4x, 4x **DVD+RW (SL)** : 2.4x, 4x, 6x, 8x **CD-R** : 8x, 16x, 24x, 32x, 40x, 48x **CD-RW** : 4x, 10x, 16x, 24x	**Read :** **BD-ROM (SL/DL)** : 8x/8x max. **BD-R (SL L to H)** : 4x max. **BD-R (SL/DL)** : 8x/8x max. **BD-RE (SL/DL)** : 4.8x/4.8x max. **BDMV** (AACS Compliant Disc): 4.8x max. **DVD-ROM (SL/DL)** : 16x/12x max. **DVD-R (SL/DL)** : 16x/8x max. **DVD-RW (SL)** : 10x max. **DVD+R (SL/DL)** : 16x/8x max. **DVD+RW (SL)** : 10x max. **DVD-RAM** : 5x max. **CD-R/RW/ROM** : 48x/40x/ 48x max. **CD-DA (DAE)** : 40x max. **8cm CD** : 16x max.
	Mounting direction	Horizontal/Vertical	
Performance	Data transfer rate *Sustained	BD-ROM : 287.72 Mbits/s (8x max) DVD-ROM : 22.16 Mbytes/s (16x max) CD-ROM : 7,200 Kbytes/s (48x max)	
	*Burst(ATAPI)	SATA Gen.1 (1.5Gbps)	
	Average Access Time ($^1/_3$ Stroke)	BD-ROM : 180ms (typ.), DVD-ROM : 160ms (typ.) DVD-RAM : 180ms (typ.), CD-ROM : 150ms (typ.)	
	Buffer capacity	4 Mbytes	
	MTBF	100000 Power On Hours (Duty Cycle 20%)	
Environmental Level	When operating When not operating	**Temperature**: 5 °C to 45 °C **Temperature**: -30 °C to 60 °C	**Humidity**: 15% to 80% R.H. **Humidity**: 10% to 90% R.H.
Electrical	Power	DC 5V, DC 12V	