

Extended Specifications

System Interface	Data transfer speed	External(Host): USB 2.0 (480Mbit/s) Internal(Drive): T13 ATA/ATAPI-8, MMC-6, INF-8090i v8
Performance		
CD		Key: insert "Max X" speed for each media below. For CD 1 x=150 KB/s; DVD 1 x=1350 KB/s; BD 1 x = 4.5 MB/s
	Read	24 x max. CAV
	Digital Audio Extraction (DAE)	24 x max. CAV
	Write CD-R	10x CLV, 16 x ZCLV, 24 x CAV
	Write CD-RW	Multi Speed: 4 x CLV High Speed: 10 x CLV Ultra Speed: 24 x ZCLV

DVD		
	Read DVD-ROM (Single Layer / Dual or Double Layer)	8 x max. CAV
	Read DVD+R/+RW/+R Double Layer	8 x max. CAV
	Read M-Disc (DVD+R SL)	8 x max. CAV
	Read DVD-RAM	6 x max. CAV
	Write DVD+/-R	8 x max. CAV
	Write DVD+/-R Double Layer	6 x max. PCAV
	Write M-Disc (DVD+R SL)	4 x max. PCAV
	Write DVD-RAM	5 x max. PCAV
	Write DVD+RW	8 x max. ZCLV
	Write DVD-RW	6 x max. ZCLV
Power Consumption	Typical	Stand-by (Sleep) 113 mA Continuous Read 700 mA Continuous Write 800 mA Seek 800 mA
Acoustic noise	Operating (Sound pressure level, typical)	Less than 50 dBA at 0.25 m away from bezel and 0.45 m heights away.
Power supply	Voltage	+5 V +/-5 % ripple less than 100 mVp-p
Temperature	Operating C (F)	5 ° to 40 ° C (41 ° to 104 ° F)
	Non-operating C (F)	-30 ° to 60 ° C (-22 ° to 140 ° F)
Relative Humidity	Operating (No condensation)	15 % to 85 %
	Non-operating (No condensation, Power Off, without disc)	10 % to 90 %
Altitude	Operating m (ft)	0 m ~ 3,000 m
	MTBF:	150,000 power on hours (POH)
Dimensions and weight		
	Width	144 mm
	Depth	137.5 mm
	Height	14 mm
	Weight	About 200 g