


dotC Customized Features

LiteOn iHAS220 SPECIFICATIONS

Tray	The tray position opens to its maximum extent allowing robotic loading of discs. A tray-counter in the drive memory enables life time estimations during operation.
LabelTag 	LabelTag allows users to create a circular label on the data side of DVD+/-R discs. Whilst burning the data, users can add text and a small picture, which is then printed directly behind the data at the same time as writing – and at the normal recording speeds. LabelTag provides a quick, easy and cost-effective solution to disc labelling and serialization. The technology works on any DVD+/-R SL disc.
DisKey	DisKey allows users to create copy protection and access control to their data when recorded on standard DVD+/-R discs. The user burns encrypted data to the disc. On the disc, a protection application controls the decryption and access when the disc is played on any DVD reader in a computer station. Supported file types: .doc / .ppt / .xls / .jpeg / .avi / .html / .pdf / .txt / and any other type on request.
Disc Scan	After the recording process, several recording quality parameters are sampled resulting in a more in-depth quality figure of the disc compared to a basic verify. Based on that quality information, it can be decided to skip the full verify-after-write scan reducing the total throughput time significantly.
Special requests	This dotC Customized Features list is not exhaustive. Please forward you request to dotC for further discussion.



Standard Features

Super AllWrite	Super AllWrite is the new compatibility standard from Lite-On which allows the DVD writer to write to any disc media: DVD +/- R(W), DVD-RAM and Double Layer. Use your DVD writer for any purpose with the media you desire. The standard Super Allwrite gives you a full range of options and applications for all your storing needs.
SmartBurn	SMART-BURN is a technology developed by Lite-ON. It can automatically adjust writing strategy & running OPC to provide the best burning quality and avoid Buffer Under Run error as well.
Serial ATA (SATA)	Features Serial ATA (SATA) connectivity for higher transfer rates, future proof compatibility and better airflow in PC casings.
LightScribe	Make your mark. Be creative. It's your label. Your design, your images. Burn custom designs on your CDs and DVDs for gifts, or for easy organization of photos, music and everyday information. Use your own graphics, photos and text to make it yours. With LightScribe, it's your choice.

Standard Specifications iHAS220-dotC

DVD family	Write	
	DVD+R	20X maximum by CAV
	DVD-R	20X maximum by CAV
	DVD+R9	8X maximum by Zone CLV
	DVD-R9	8X maximum by Zone CLV
	DVD-RAM	12X maximum by PCAV
	Rewrite	
	DVD+RW	8X by Z-CLV
	DVD-RW	6X CLV
	Read	
	16X maximum by CAV	
Access time		
160ms		
CD	Write	
	CD-R	48X by CAV
	Rewrite	
	CD-RW	32X maximum by Z-CLV in UltraSpeed disc
	Read	
48X(7200KB/sec) maximum by CAV		
Access time		
140ms		
LightScribe	CDR Media V1.2; DVD+R Media V1.2	
Buffer Size	2MB(MAX)	
PC Required	Pentium 166 MHz or higher CPU, 128MB or higher RAM are required	
	HDD must have access time < 20ms; with a minimum of 650MB free space	
	9GB free space for creating a DVD image file (9GB for double layer; 5GB for single layer)	
Compatibility	Microsoft Windows 98/ NT/ 2000/ ME/ XP/ 2003/ Vista	
MTBF (Life)	70000 POH	
Bezel	White, Black, Silver. With, or without LiteOn print	
General	Environment	
	Operating	5°C to 50°C; Relative Humidity: 15% to
	Non-Operating	-40°C to 65°C; Relative Humidity: 15% to
	Dimension	
	146(W) x 42(H) x 170(D) mm	
	Weight	
	< 0.9Kg	
Voltage Requirements		
+5V +/-5% and less than 100 mVp-p ripple voltage		
+12V +/-10% and less than 200 mVp-p ripple voltage		