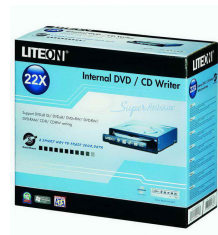


# iHAS422

Internal 22X  
DVD Writer  
with SmartErase



## Speed with Security

### LITE-ON iHAS422 22X DVD Writer

The **iHAS422** is a DVD Writer that allows users to burn at 22X, currently the fastest in the world. Beyond speed, iHAS422 provides a unique feature from PLDS: SmartErase – the safest way to erase your data permanently.

#### Features:

- **Erase your data permanently with SmartErase\***

SmartErase is an advanced technology to erase data on a disc permanently and ensure it will withstand any recovery and retrieval attempt. Once a disc is “SmartErased”, you don’t have to worry about someone accessing the confidential data that used to be stored on the disc.

- **Record your data to DVD media at 22X**

iHAS422 support 22X writing, currently the fastest in the world. The iHAS422 offers an up to date solution for those users who are looking for the fastest DVD writing speeds on the market.

- **LightScribe – Direct Disc Labeling**

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.

- **Best burning quality powered by 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.

- **Super AllWrite**

Super AllWrite is the compatibility standard from Lite-On which allows the DVD writer to write to any disc media: DVD±R(W), DVD-RAM and Double Layer.

- **Serial ATA Connection**

Features Serial ATA (SATA) connectivity for higher transfer rates, future proof compatibility and better airflow in PC casings.

\*SmartErase only supports recordable or write-once media such as: DVD±R, DVD±R DL, CD-R.

\*\* SMART-BURN : Smart Monitoring & Adapting Recording Technology for BURNing.



SmartErase

*SuperAllWrite*

**SMART-BURN**



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## Internal 22X DVD Writer with SmartErase



### Technical Specifications

DVD Family	<b>Write</b>	
	DVD+R	22X maximum
	DVD-R	22X maximum
	DVD+R9	8X maximum
	DVD-R9	8X maximum
	DVD-RAM	12X maximum
	<b>ReWrite</b>	
	DVD+RW	8X maximum
	DVD-RW	6X maximum
	<b>Read</b>	
16X maximum		
<b>Access time</b>		
160ms		
CD Family	<b>Write</b>	
	CD-R	48X maximum
	<b>ReWrite</b>	
	CD-RW	32X maximum in UltraSpeed disc
	<b>Read</b>	
48X maximum		
<b>Access time</b>		
140ms		
<b>Interface</b>	Serial ATA	
<b>Buffer Size</b>	2MB	
<b>PC Required</b>	Pentium 4 1.3GHz or higher CPU and 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).	
<b>Compatibility</b>	Microsoft Windows 2000 / XP / Vista	
<b>MTBF (Life)</b>	70000 POH	
<b>S/N Ration</b>	> 75dB	
General	<b>Environment</b>	
	Operating	5°C to 50°C; Relative Humidity: 15% to 80%
	Non-Operating	-40°C to 65°C; Relative Humidity: 15% to 95%
	<b>Dimension</b>	146(W) x 41.3(H) x 170(D) mm
	<b>Weight</b>	< 0.9Kg
	<b>Voltage Requirements</b>	
	+5V +/-5% and less than 100 mVp-p ripple voltage +12V +/-10% and less than 200 mVp-p ripple voltage	

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