



Internal 24X DVD/CD Writer - iHAS524

Tag your disc with LabelTag

No special media, No flipping, No hassle!

Lite-On introduces the latest optical drive in the market, the iHAS524 24X Internal DVD Writer. By offering a DVD writing speed up to 24X, it is among the fastest available drive in the market. The iHAS524 is designed to offer users blazing fast speed and enhanced functionality. The iHAS524 come with Lite-On's latest patented technology – LabelTag - a unique disc labeling feature for DVDs and CDs. LabelTag is an easy, efficient, and most convenient way to label discs without using any special media or tools. LabelTag is designed to create label in a circular motion in the same session and on same side of the disc where it is being burned.

Experience advanced technology

- Blazing fast 24X DVD recording speed
- Label your disc using LabelTag with no special media and no flipping
- Records to all DVD and CD formats including DVD-RAM
- SATA interface for better performance and compatibility
- Smart-Burn™ provides highest writing quality for every burn minimizing disc burning failure
- Smart-X reduces acoustic noise and anti-vibration providing the best playback quality
- SuperAllWrite enables read, write, and re-write to any disc, minimizing disc format confusion

Archive or backup valuable files

- Safeguard important files and preserve precious memories for years
- Store up to 8.5GB of valuable data on a DL disc
- Store up to 4 hours of MPEG-2 video, 1,000 songs, 7,000 photos

LITEON[®]

Designed by PHILIPS & LITE-ON Digital Solutions Corp.



All contents are subject to change without notice



24X INTERNAL DVD/CD WRITER - iHAS524

Features:

- SATA Half-Height internal DVD+R / DVD+RW / DVD-R / DVD-RW / DVD+R9 / DVD-R9 / DVD-RAM / DVD-ROM / CD-R / CD-RW / CD-ROM combination drive
- Support Double Layer DVD+/- R DL Recording Function
- LabelTag technology offers smart and easy way to label your creation without special media requirement or flipping
- SMART-BURN(*1) avoiding Buffer Under Run error, Automatically adjusting writing strategy & walking OPC to provide the best burning quality
- SMART-X(*2) function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality
- Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Random Access Write, Incremental, sequential recording, restricted overwrite, Layer Jump recording, Raw Mode Burning & Over-Burn
- DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(3.9GB/4.7GB), DVD-R multi-borders, DVD-RAM, DVD+R, DVD+R multi-sessions, DVD-RW, and DVD+RW
- CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW
- Support both 8cm and 12cm disc of CD and DVD family
- Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed
- Supported transfer mode: PIO mode 4, DMA mode 2 and Ultra DMA mode 4

Specifications:

DVD Family:

Write

DVD±R 24X maximum

DVD±R DL 12X maximum

DVD-RAM 12X maximum

ReWrite

DVD+RW 8X maximum

DVD-RW 6X maximum

Read 16X maximum

Rand. access time 160ms

CD Family:

Write

CD-R 48X by CAV

ReWrite

CD-RW 32X by CAV

Read

48X maximum by CAV

Rand. access time 140ms

Buffer Size: 1.5MB(MAX)

Compatibility: Microsoft Windows® 7 / Vista / XP

MTBF(Life) : 70000 POH

Environment:

Operating 5°C to 50°C; Relative Humidity 15% to 80%

Non-Operating -40°C to 65°C; Relative Humidity: 15% to 95%

Dimension: 146(W) X 41.3(H) x 170(D) mm

PC Required :

Pentium 4 1.3GHz or higher CPU and 128MB or higher RAM are required

HDD must have access time < 20 ms; with a minimum of 650MB free space

9GB free space for creating a DVD image file (9GB for double layer; 5GB for single layer)

Weight: <0.9 Kg

Voltage Requirements:

+5V±5% and less than 100 mVp-p ripple voltage

+12V±10% and less than 200 mVp-p ripple voltage

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

Smart-X: Smart Monitoring & Adjusting Read-speed Technology for eXtraction.