

Tag your disc with LabelTag

No special media, No flipping, No hassle!

Experience advanced technology

- ## Archive or backup valuable files

- LITEON®**

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.