

Overview for Desktop Super Multi-Burner (4XA0M84911)

The next generation of Lenovo Multi-Burner eliminates the need to choose between competing recordable DVD formats and CD format. This drive supports all formats released by the DVD Forum and DVD+RW Alliance, including DVD-RAM, DVD-R, DVD-R dual layer, DVD-RW, DVD+R, DVD+R double layer, and DVD+RW media. The drive also supports CD-R and CD-RW media.

A comprehensive software bundle helps you get the most out of this new Drive. Software includes:

- PowerDVD v12.0
- PowerDVD Create v10.0

TECHNICAL INFORMATION

- **General**
- (1) Half-height Internal Super Multi Drive
- (2) CD-R/RW, DVD-R/RW/RAM/ +R/RW +/-R DL read and write compatible, CD Family and DVD-ROM read compatible
- (3) Enhanced IDE (ATAPI) interface : SATA interface
- (4) Large buffer memory 0.5MB
- (5) Buffer Under-run prevention function embedded
- (6) Power loading and power eject of a disc. Bare media loading
- (7) MTBF: 150,000 POH
- (8) Vertical and Horizontal installable
- (9) Compliance with ROHS/ Halogen Free/ Phthalates Free production

- **Supported disc formats**
- (1) Reads data in each DVD-ROM, DVD-R(Ver. 2.0 for Authoring) and DVD-RAM(Ver.1.0)
- (2) Reads and writes in each DVD-R(Ver. 2.1 for General), DVD-R DL(Dual Layer),DVD-RW, DVD-RAM(Ver.2.2), DVD+R, DVD+R DL(Double Layer) and +RW
- (3) Reads data in each CD-ROM, CD-ROM XA, CD-I, Video CD, CD-Extra and CD-Text
- (4) Reads data in Photo CD (Single and Multi session)
- (5) Reads standard CD-DA
- (6) Support to read Super Audio CD (Compatible layer in Hybrid type)
- (7) Reads and writes CD-R discs conforming to "Orange Book Part 2"
- (8) Reads and writes CD-RW discs conforming to "Orange Book Part 3"
- (9) Reads DVD-R / RW / RAM with CPRM

Supported write method

- (1) DVD-R: Disc at Once and Incremental Recording
- (2) DVD-R DL: Disc at Once, Format 4 (Layer Jump Recording)
- (3) DVD-RW: Disc at Once, Incremental Recording and Restricted Overwrite
- (4) DVD-RAM: Random Write
- (5) DVD+R: Sequential Recording
- (6) DVD+R DL: Sequential Recording
- (7) DVD+RW: Random Write
- (8) CD-R/RW: Disc at Once, Session at Once, Track at Once and Packet Write

Performance

- (1) Average access time: DVD-ROM 145 ms
CD-ROM 125 ms
- (2) Write speed: DVD-R 2x, 4x CLV, 8x PCAV, 16x CAV
DVD-R DL 2x, 4x CLV, 8x ZCLV
DVD-RW 1x, 2x, 4x, 6x CLV
DVD-RAM 2x, 3x, 5x ZCLV (Ver.2.2),
DVD+R 2.4x, 4x CLV, 8x PCAV, 16x CAV
DVD+R DL 2.4x, 4x CLV, 8x ZCLV,
DVD+RW 2.4x, 4x, 6x CLV, 8x ZCLV
CD-R 16x CLV, 32x, 40x PCAV
CD-RW 4x, 10x, 16x CLV, 24x ZCLV
- (3) Read speed: DVD-R/RW/ROM(SL/DL) 16x / 8x / 16x / 8x max.
DVD-R DL 8x max.
DVD-RAM (Ver.1.0/2.2) 2x/ 2x, 3x-5x PCAV
DVD- Video (CSS Compliant Disc) 8x max.

(Single/Dual layer)
DVD+R/+RW 16x / 8x max.
DVD+R DL 8x max.
CD-R/RW/ROM 40x/40x/40x max.
CD-DA (DAE) 32x max.
80 mm CD 21x max.
- (4) Sustained Transfer rate: DVD-ROM 22.16 Mbytes/s (16x) max. CD-ROM 6,000 kB/s (40x) max.
- (5) Burst Transfer rate: SATA, Ultra DMA Mode 6 Multi word DMA Mode2, PIO Mode 4
- (6) Multimedia MPC-3 compliant

PHYSICAL SPECIFICATIONS

- Height: 41.3 mm (1.63 in)
- Width: 146.0 mm (5.75 in)
- Length: 170 mm (6.70 in)
- Weight: 900 g (1.98 lb)

Full Packaging Size:

- Approximate height: 126 mm (4.96 in)
- Approximate width: 199 mm (7.83 in)
- Approximate depth: 235 mm (9.25 in)
- Approximate weight: 1121 g (2.47 lb)

OPERATING ENVIRONMENT

- Temperature: 5 deg to 45 deg (B)
- Relative humidity: 15% to 85% (non-condensing)

Non-OPERATING ENVIRONMENT

- Temperature: -30 deg to 60 deg (B)
- Relative humidity: 10% to 90%

AGENCY APPROVALS

US, CAN, LA

- FCC label
- CB

EMEA

- European Union -- CE MARK
- TUV

AP

- Australia/New Zealand -- C-Tick
- Korea -- Korean KCCLabel
- Taiwan -- BSMI

SOFTWARE REQUIREMENTS:

OS: Windows 7, Windows 8.x, Windows 10
CPU: AMD64 compatible CPU of 3500 MIPS or greater
Storage: 2GB RAM, 200 MB hard disk space
Graphics: DXVA compatible GPU
Display: Digital monitor supporting High Definition Content Protection
Audio: At least two channels capable of accepting 48khz input

INSTALLATION TIME: Approximately 20 minutes

PACKAGING: One box

SHIPMENT GROUP

- o Lenovo Super Multi-Burner Drive (Serial ATA)
- o User's Guide and software CDs
- o SATA cable
- o Mounting screws (4 pieces)
- Warranty and safety poster
- Retainer

CHARGES - FRU PARTS

Field Replaceable Units (FRU)

Description	FRU Part #	Option Part #	H S
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Desktop Super Multi-Burner	71Y5545	4XA0M84911	R 3

Note.

- 'H' Warranty Handling - 'R' for Return or 'S' for Scrap
- 'S' Recommended Stock - An entry in this column indicates the recommended stocking quantity to support 1000 units

To view current field replaceable unit (FRU) prices, visit

<http://www.support.lenovo.com>