

ASUS 16X, Dual Layer DVD±R/RW Drive, Beige, Model DRW-1608P, Retail Version

Model# DRW-1608P BEIGE

Item # N82E16827135028

The ASUS DRW-1608P is a dual-spec DVD burner capable of burning DVD+R and DVD-R media at the maximum speed of 16X whilst supporting dual layer DVD+R DL and DVD-R DL burning.



High Speed Burns

A maximum burn speed of 16X enables a full 4.7GB DVD+R or DVD-R disc to be created in just under 6 minutes. Users are required to use 16X discs, however.

The burner's 6X DVD+R DL and DVD-R DL burn speeds shorten the time needed to burn a full 8.5GB disc to about 20 minutes.

A full DVD+RW takes approximately 8 minutes using the burner's maximum 8X speed. DVD-RW's, on the other hand, require about 11 minutes using the burner's 6X maximum burn speed.

Note: Formatted capacity for 4.7GB DVDs is 4.38GB, while the formatted capacity for 8.5GB Dual Layer discs is 7.96GB.

Super-short Body

This 5.25" DVD burner features a super-short 7.09" body, which is about 10% more compact length-wise compared to the average optical disc drive. This allows easier installation in cramped space of SFF (small form factor) cases. Even for mid and mini tower cases, this characteristic also means more space left available inside and more convenience for DIY.



Convenient Accessories

The accessories bundle for the DRW-1608P takes the user's requirements fully into consideration as it contains all the components necessary for a normal installation process. These include an audio cable (for direct connection to a motherboard or audio card's CD-in connector), 4 screws, an 80-conductor IDE cable (for connection to motherboard IDE connector), and an emergency eject needle (for manual disc ejection in cases such as power outages and emergencies).



ASUS also provides a multilingual installation manual, Nero 6 (v6.3.1.18F) burning software, and video editing title Ulead DVD MovieFactory 3 SE. ASUS has also added its own DVD playback software inside the Nero 6 installation disc to help reduce the buyer's outlay on additional software.

Actual Performance

To better understand the actual DVD-burning performance of the ASUS DRW-1608P 16X DVD burner, we use Nero CD/DVD Speed test software (v3.55) and various specifications of blank media discs from major manufactures.

Test Platform:

CPU: Intel Pentium 4 3.0GHz

Motherboard: ASUS P4C800-E

Memory: Kingston 256MB ValueRam DDR400 x2 (Dual channel)

VGA Card: Gainward 5700

HDD: Maxtor DiamondMax plus 9 120GB IDE

The following are the test results.

AVG Speed points to the average burn speed experienced (larger number is quicker) during the whole burn process as reported by Nero.

Time indicates the total time used for the whole process of burning, the less the better.

Type refers to the burn method used.

| DISC Type (Media Code) | AVG Speed | Time | Type |
|--|-----------|-------|-------|
| Verbatim 4X DVD+R (YUDEN000T02) | 9.02X | 7:38 | Z-CLV |
| Verbatim 4X DVD-R (TYG01) | 3.96X | 14:47 | CLV |
| Verbatim 8X DVD+R (MCC 003) | 9.78X | 7:17 | Z-CLV |
| Verbatim 8X DVD-R (MCC 02RG20) | 7.68X | 8:09 | Z-CLV |
| Verbatim 16X DVD+R (MCC 004) | 11.57X | 5:54 | CAV |
| Mitsubishi 4X DVD+RW (MKM A02) | 4X | 14:51 | CLV |
| Mitsubishi 4X DVD-RW (MCC 01RW4X) | 4X | 14:36 | CLV |
| Imation 700MB 52X CD-R (Plasmon 97m27s18f) | 28.25X | 3:24 | P-CAV |
| Mitsubishi 700MB 32X CD-RW (vERBATIM97m34s25f) | 22.24X | 3:57 | Z-CLV |