

## SafeToGo® 302E Portable Storage Device

SafeToGo® 302E from Cardwave is a fully robust, AES 256-bit XTS hardware encrypted USB 3.2 Gen 1 flash drive that protects your sensitive data on the move.

### Security Features

- Enterprise-grade security
- Data password protected with AES 256-bit XTS encryption
- 100% hardware encryption
- Password authentication
- Epoxy resin coated PCBA
- Anti brute-force attack

### Plug & Play

Unlock SafeToGo® 302E in as little as one second after plugging it in.

### Small Form-Factor

Fits in the narrowest of USB ports, even in tight compartments of many notebooks.

### User-Friendly Setup

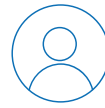
No software or driver installation required.



## SafeToGo® 302E



## SafeToGo® 302E is good for:



Personal



Professional  
Services



Business  
(SME)



Enterprise

## Benefits of SafeToGo® 302E

### Automatic Hardware Encryption

SafeToGo® 302E provides full hardware encryption of all data, featuring a single on-board security chip that can't be bypassed and encrypts all data with AES-256 bit encryption.

### User-Friendly Setup

The encryption is totally transparent, and no software installation nor administrative privileges are needed.

### Timer Lockdown

In case SafeToGo® 302E is left unattended in a computer, a unique timer will automatically lock it after a customisable number of minutes.

### Hardware Brute-Force Protection

Built in password attempt counter and user alert system that tracks faulty unlock attempts.

### Rugged Construction

Metal casing and a secure lid ensures the drive will survive a busy lifestyle. Shock resistant to 15G. Epoxy resin coated chip.

### Total Reset

SafeToGo® 302E can be wiped clean and reset to factory settings.

### Zero Failure

SafeToGo® 302E has a hardware failure rate of less than 0.1%.

### Unique Randomly Generated Key

Encryption keys are randomly generated on-board (using ANSI X9.31 RNG) at user setup, leaving no back door.

### Choice of 8 Languages

English, German, French, Dutch, Spanish, Italian, Portuguese and Polish

### Product Specification

#### Hardware Encryption

256-bit AES XTS hardware module  
2048-bit RSA hardware module  
256-bit SHA

#### Interface

USB 3.2 Gen 1 high speed.  
Backward compatible with  
USB 2.0 and 1.1

#### Compatibility

Microsoft Windows 7-10  
and Mac OS

#### Transfer Rate

5Gbit/sec for USB 3.2 Gen 1,  
480Mbits/sec for USB 2.0,  
12Mbits/sec for USB 1.1  
\*Theoretical speeds

#### Operating Temperature

0°C ~ 70°C

#### Speed Performance

CDM	Read	Write
16GB	160 MB/s	up to 110 MB/s
32GB	160 MB/s	up to 110 MB/s
64GB	160 MB/s	up to 120 MB/s
128GB	160 MB/s	up to 130 MB/s

in MB/s, tested on Win10, results may vary depending on NAND solution

#### Storage Temperature

-25°C ~ +85°C

#### Humidity

20% ~ 90%

#### Power Consumption

USB 3.0: < 900 mA  
USB 2.0: < 500 mA

#### Dimensions

56.7mm x 17.6mm x 6.5mm

#### Capacity

SafeToGo® 302E is available in  
16GB, 32GB, 64GB & 128GB

#### Storage Type

eMMC (3D TLC)



version 1.0.06/2020

### Secure Drives

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