



WALLETEX
Wallet Flash[™]

INTRODUCTION

Wallet Flash™ by **WalleTex** is the world's first USB flash storage device in the shape of a credit card as well as the slimmest USB product in the world.



Wallet Flash™ is so small and so slim that it can be conveniently kept in a wallet, just like a credit card.

This innovative and ingenious solution has been developed

and patented by the **WalleTex** company with head office in Rishon-Lezion, Israel. The company itself has been set up by a team with over fifty years of experience in micro-electronic products.

Wallet Flash™ reflects the outcome of this combined experience.

INNOVATION

Wallet Flash™, the innovative USB solution by the Israeli **WalleTex** company is truly the slimmest USB device in the world. It is as compact as a **credit card** or **EC card** (width: 85.6mm / height: 54.0mm / depth: 1.9mm), only slightly thicker.

In comparison, common USB sticks are larger, more inconvenient to transport and therefore not always readily to hand. Users who like to have their storage device on them at all times carry their USB sticks either in their trouser or jacket pocket, while some can be attached to a key ring. Before the introduction of **Wallet Flash™**, users had never had the option of keeping their USB storage devices in their wallets like a credit card, almost always with them and readily accessible.

Another problem with common USB storage devices such as USB sticks, is the materials: the housing of a USB stick is usually made up of fragile plastic and can be damaged and rendered unusable if dropped or crushed.



USB sticks also generally cease to work properly if they have come into contact with water

or other fluids. Even high temperatures can have a negative effect. **Wallet Flash™** is resistant to such problems not least due to its material make-up and internal design.

In the line of tests carried out by the **ProtectStar®** Innovation Team, **Wallet Flash™** was first immersed in a glass of water, then in a glass of fruit juice and finally in a cup of warm tea.

The innovative storage device by **WalleTex** worked perfectly even after this durability test – thanks to its double-laminated plastic – and no limitations or defects could be discerned. In general, the solution proved robust and can accordingly be allocated a long life expectancy.

This product is therefore not only moisture proof, but also **waterproof**. It is estimated that **Wallet Flash™** is resistant to pressures of 2000kg and is waterproof up to 100m.

The only delicate component of **Wallet Flash™** is the protruding, double-sided USB connector. This could be broken off if enough pressure is applied, thereby damaging the entire storage device, including any data it contains.



The card would not be broken in **normal use**. However, if under extreme pressure the connector is broken, WalleTex has the capability of **recovering** the **stored data**.

The **ProtectStar®** Innovation Team therefore recommends that the **WalleTex** developers "conceal" the double-sided **Wallet Flash™** USB connector, as far as is technically and physically possible. If possible, the user should be able to pull the USB connector in and out from a certain point on the **Wallet Flash™**.

This would prevent the USB connector being accidentally broken off.

Weighing exactly **11g**, the elegant **Wallet Flash™** USB storage device is on average slightly lighter than a conventional USB stick (12 - 17g). Furthermore, the weight remains unchanged irrespective of the memory capacity opted for by the user.

The product is currently available with storage capacities of 128MB, 256MB, 512MB, 1GB and 2GB. Prices for this innovative storage device range between **US\$ 21.99** and **US\$ 114.99**.

In addition, the **Wallet Flash**[™] file transfer rate on a **USB 2.0** interface – of course **Wallet Flash**[™] is also USB 1.1 compatible – has been thoroughly analysed. This analysis concentrated more on actual file transfer rates (hard drive -> **Wallet Flash**[™]) than on theoretical reading or writing speeds.

To conclude, an average file transfer rate (hard drive -> **Wallet Flash**[™]) of **0.18 sec / MB** was determined. This indicates that one 1MB hard drive file is transferred to the **Wallet Flash**[™] storage device in almost one-fifth of a second.

It would therefore take the user three minutes to transfer an entire gigabyte of data from the hard drive to the USB memory card.

WalleTex also offers companies the option to have both the fronts and backs of their **Wallet Flash**[™] cards printed. Whether for private internal requirements with magnetic strip and passport photograph or as a promotional gift with unique motif, images and designs, well-known companies such as Deutsche Bank, IBM, Philips, Societe General and ThyssenKrupp have already taken advantage of this **WalleTex** Service.

Wallet Flash[™] is compatible with Windows XP, Windows 2000, Windows ME, Linux 2.4 and above and MAC OS 9.0 and above. The soon to be introduced Windows Vista operating system is also supported.

Incidentally, with Windows Vista, **Wallet Flash**[™] can incidentally also be used as an external and extended main memory (Ram) for the computer/notebook.

Special drivers are required for Windows 98 / 98SE which can be downloaded from the **WalleTex** website (www.walletex.com).

IN BRIEF

As outlined above, **Wallet Flash**[™] by **WalleTex** is the slimmest USB product in the world and the world's first USB flash storage device in the shape of a credit card.

Wallet Flash[™] is characterised by its practical, mobile and ingenious functionality, enabling users to keep it constantly to hand in their wallets.

Further beneficial features of **Wallet Flash**[™] are low energy consumption at the computer/notebook USB port, large storage capacities (currently up to 2GB), a long life expectancy and its almost indestructible material.

The double-sided USB connector makes the storage device quick and easy to use.

Wallet Flash[™] will become an everyday necessity for users, not least for the rapid data transfer rates and resistance to dust and fluids.

Wallet Flash[™] is also well worth the money at between **US\$ 21.99** (128MB) and **US\$ 114.99** (2GB).

Wallet Flash[™] by **WalleTex** is allocated the "ProtectStar[®] Innovation AWARD".

