Data presented in KB/s. Values presented in SI standard, (1 KB = 1000 B)

Algorithm	**Length of the key in bits**	**Standard encryption**	**Accelerated encryption**	**Standard decryption**	**Accelerated decryption**
Blowfish	256	8.1 MB/s	**18 GB/s** *	8.3 MB/s	**31 MB/s** *
Cast128	128	6.8 MB/s	**18 GB/s** *	7 MB/s	**31 MB/s** *
Cast256	256	2.4 MB/s	**18 GB/s** *	2.3 MB/s	**31 MB/s** *
DES	64	3.3 MB/s	**18 GB/s** *	3.3 MB/s	**31 MB/s** *
Ice	64	3.8 MB/s	**18 GB/s** *	3.9 MB/s	**31 MB/s** *
Ice2	128	2.1 MB/s	**18 GB/s** *	2.2 MB/s	**31 MB/s** *
IDEA	128	1.6 MB/s	**18 GB/s** *	1.6 MB/s	**31 MB/s** *
Mars	256	1.6 MB/s	**18 GB/s** *	1.6 MB/s	**31 MB/s** *
Misty1	128	2.7 MB/s	**18 GB/s** *	2.7 MB/s	**31 MB/s** *
RC2	256	1.7 MB/s	**18 GB/s** *	1.7 MB/s	**31 MB/s** *
RC5	256	6.2 MB/s	**18 GB/s** *	6.4 MB/s	**31 MB/s** *
RC6	256	2.2 MB/s	**18 GB/s** *	2.2 MB/s	**31 MB/s** *
Serpent	256	0.8 MB/s	**18 GB/s** *	0.8 MB/s	**31 MB/s** *
Tea	128	4.7 MB/s	**18 GB/s** *	4.9 MB/s	**31 MB/s** *
Thin Ice	64	6.2 MB/s	**18 GB/s** *	6.6 MB/s	**31 MB/s** *
Twofish	256	4.1 MB/s	**18 GB/s** *	4.2 MB/s	**31 MB/s** *

Software specifications used for testing:

-Win XP Pro 32-bit with SP2

Hardware specifications used for testing:

- Motherboard – Tyan Thunder i7525 S2676 UANRF
- CPU – dual Xeon 3.6 GHz 1MB Cache 64bit
- Memory – 2GB RAM ECC DDR 2 400MHz
-Video – ATI Radeon X700 256MB RAM
-Audio – Sound Blaster Audigy 1 OEM
-Power – Antec 550W

1) During the course of the above tests only one processor was used (one-thread process).

2) Results of encryption/decryption tests using two processors (multi-thread process) will be announced within next couple of weeks.

* The above results were achieved in the following way: because of a limitation in data transmission speed in our hardware, the results of encryption/decryption were created in processor's cache and immediately removed to avoid a bottleneck effect. Otherwise, the speed of our encryption process would be limited to the speed of the slowest component (hard drive, memory, processor's cache).

For more detailed test results and additional information please write to info@cipherflux.com.