

### 3DES-Mach ver. 1.0

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

<b>Length of the key in bits</b>	<b>Standard encryption</b>	<b>Accelerated encryption</b>	<b>Standard decryption</b>	<b>Accelerated decryption</b>
192	1.5 MB/s	<b>19 GB/s *</b>	1.4 MB/s	<b>31 MB/s *</b>

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](mailto:info@cipherflux.com).**