

| key size in bits | data size in bytes | openssl public key cipherng | openssl private key deciphering | ctacrypt public key cipherng | ctacrypt private key deciphering |
|------------------|--------------------|-----------------------------|---------------------------------|------------------------------|----------------------------------|
| 128              | 16                 | 0.000055                    | 0.000263                        | 0.000148                     | 0.000491                         |
| 256              | 32                 | 0.000076                    | 0.000552                        | 0.000205                     | 0.000914                         |
| 512              | 64                 | 0.000138                    | 0.001965                        | 0.000379                     | 0.002839                         |
| 1024             | 128                | 0.000340                    | 0.004798                        | 0.000395                     | 0.005779                         |
| 2048             | 256                | 0.000460                    | 0.016471                        | 0.001243                     | 0.033043                         |
| 4096             | 512                | 0.001425                    | 0.099697                        | 0.004440                     | 0.223810                         |
| 8192             | 1024               | 0.005053                    | 0.672491                        | 0.016939                     | 1.672641                         |



