

ECC

ECC - Elliptic-Curve Cryptography

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|-------------------------|---|
| Key Size | 256 or 448 bits |
| Speed | <ul style="list-style-type: none">~ factor of 10^6 cycles / operation• Key generation: 1 - 5 ms (way faster than RSA)• Encryption: 1 - 5 ms• Decryption: 1 - 5 ms |
| Mathematical Foundation | Elliptic curves over finite fields |