

ECC

ECC - Elliptic-Curve Cryptography

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