

## Feitian Java Card Specification

	FT-Java/A43C	FT-Java/A22CR	FT-Java/A40CR	FT-Java/D12CR	FT-Java/A50CSU
Feitian OS Certification	N/A	FIPS 140-2 Level 3	N/A	N/A	N/A
		CC EAL5+			
Chip Model	SLE77CFX1560P	SLE78CLFX4000PM	SLE77CLFX2400PM	ST31G480	SLE97CUINFX1M00PE
Chip Certification	CC EAL5+, EMVCo	CC EAL6+, EMVCo	CC EAL5+, EMVCo	CC EAL5+, EMVCo	CC EAL5+, EMVCo
CPU	16bit	16bit	16bit	32bit	32bit
Physical Storage					
NVM Type	Flash(SOLID FLASH)	Flash(SOLID FLASH)	Flash(SOLID FLASH)	Flash	Flash(SOLID FLASH)
Total NVM Size	156K	400K	240K	480K	1024K
Total ROM Size	N/A	N/A	N/A	N/A	N/A
Total RAM Size	6K	8K	6K	12K	32K
Code Area	FLASH	FLASH	FLASH	FLASH	FLASH
User NVM Size	53K	138.5K	72.8K	88K	760K
User RAM size	1.7K	1.84K	1.72K	4K	25K
Algorithm					
RSA 2048	Optional	✓	✓	✓	✓
AES	Optional	✓	✓	✓	✓
SHA-1	✓	✓	✓	✓	✓
SHA-256	Optional	✓	✓	✓	✓
SHA-384	Optional	✓	Optional	✓	Optional
SHA-512	Optional	✓	Optional	✓	Optional
MD5	Optional	✓	✓	x	✓
3DES (ECB, CBC)	✓	✓	✓	✓	✓
ECC	x	✓	x	✓	✓
KOREAN SEED	Optional	✓	Optional	x	x
Standard Compliance					
Java Card™ 2.2.2	✓	✓	✓	✓	✓
Java Card™ 3.0.4	Optional	✓	✓	✓ (Support Java Card 3.0.5)	Optional
GlobalPlatform 2.1.1	✓	✓	✓	✓	✓
GlobalPlatform 2.2.1	Optional	Optional	Optional	Optional	Optional
Communication Protocol					
ISO7816 T=0	✓	✓	✓	✓	✓
ISO7816 T=1	Optional	✓	Optional	✓	✓
ISO14443 T=CL Type A	x	✓ (Default support)	✓ (Default support)	✓ (Default support)	x
ISO14443 T=CL Type B	x	✓ (Optional)	✓ (Optional)	✓ (Optional)	x
SWP	x	x	x	x	✓
Mifare	x	✓	✓	✓	Optional
USB Interface	N/A	N/A	N/A	N/A	✓
JCRC Features					
APDU Buffer Size	261 bytes	261 bytes	261 bytes	261 bytes	261 bytes
Transaction Size	384 bytes	512 bytes	384 bytes	3K	40K
Extended APDU	✓	✓	✓	✓	✓
RMI	x	✓	x	x	x
Logical Channels	1	20	1	1~4 (Default 1)	10
Garbage Collector	✓	✓	✓	✓	✓
Applet deletion	✓	✓	✓	✓	✓

Note: A43C & A50CSU are project based model, they are not in inventory.