FEITIAN

F20

Smart Payment Terminal

Android 14 (optional: Android 10)

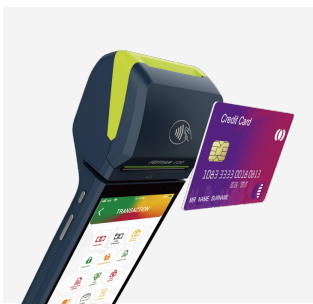4G + 3G + 2G
Wi-Fi 5: 2.4&5GHz
Bluetooth 5.0

5.5" HD LCM
8MP + 2MP Cameras

MSR + IC + NFC + QR

PCi Security Standards Council | EMVCo APPROVED | MasterCard paypass | Visa payWave))) | express pay | DISCOVER | UnionPay 闪付 Quick Pass | MIR | RuPay

JCB | PURE Payments | TQM | WPC WIRELESS PLANNING & COORDINATION CERTIFICATION | FC | CE | RoHS COMPLIANT | Ex | IP54

Retail | Supermarket | Restaurant | Hotel | Parking lot | Gas station

F20

Operating System	Android 14 (optional: Android 10)
Processor	Quad-Core 4*A53@2.0GHz(optional: 4*A53@1.3GHz)
Memory	RAM: 2GB+ROM: 16GB
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM), Wi-Fi 5: 2.4&5GHz, Bluetooth 5.0/BLE (optional: Wi-Fi 4: 2.4&5GHz, Bluetooth 4.2/BLE)
Location	GPS, BeiDou, Galileo, GLONASS, QZSS, SBAS (optional: GPS, BeiDou, Galileo/GLONASS)
Display	5.5 inch, HD IPS LCD, 1280*720Pixel, Multi-touch
Cameras	Rear: 8MP AF with Flash Support Scanner 1D&2D code & QR Code Front: 2MP FF
Printer	High-speed thermal printer, Paper size: 58mm*40mm
Battery	7.6V/2500mAh (Equal to 3.8V/5000mAh)
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Card Slot	SIM*2 + PSAM*1
Peripheral Ports	Type C*1 (USB2.0, OTG), Pogopin (8pin)*1
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical	212.6mm (L)*79.1mm (W)*51.9mm (H)
Weight	427g
Environment	Operating Temperature: -10°C ~ 50°C (14°F~122°F) Storage Temperature: -20°C ~ 70°C (-4°F~158°F) Relative Humidity: 5%-96% (Non-Condensing)
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Certifications	PCI, EMV L1&L2, EMV Contactless L1, Paypass, PayWave, Amex, Discover, JCB, Pure, qUICS, Rupay, NSICC, TQM, CPACE, AuspayNET, EFT POS, INTERAC, NAPAS, RoHS, CE, FCC, PTCRB, EAC, BIS, ATEX, WEEE, CB, WPC, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA, Telec&JATE, ANRT, CMC, Google Smart Tap, RNIB

Optional Items

Camera
Front Camera: None
Rear Camera: 5MP/FF/AF, 2MP/FF

Sensor
G-sensor

TF-Card
MicroSD (TF Max support 256GB）*1

Card Slot
SIM*1 + PSAM*2

Fingerprint
Biometric fingerprint module
(or PCBA that supports fingerprint function)

Battery Options
7.6V/2750mAh (Equal to 3.8V/5500mAh)

Fiscal
USB OR UART POGO PIN Connector
(Type C only charging)

USB Cable
Type C (data/damping)

Multi-function Battery Cover
Type C*1, RJ45*1

Multi-function Dock Lite
Type C*1, RJ45*1, RJ11*1, Type A*2

Multi-function Dock
Type C*1, RJ45*1, RJ11*1,
Type A*2, Scanner*1

Charging Cradle
5V/2A

Type C USB to RJ 45 Adapter
100 Mbps Ethernet LAN

Screen Protector
Hydrogel film

Silicone Cover
Customized colors

POS Bracket
Desktop bracket

Cash Box
Customized, 6V/1A

FEITIAN Technologies Co., Ltd.
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F20 Options and Accessories

FBI Certified
STQC Certified
Easy KYC & Fast On-boarding

FBI   STQC

F20 FP Fingerprint

Fingerprint	Semiconductor capacitive biometric fingerprint module
Physical	212.6mm (L)*79.1mm (W)*55.5mm (H)
Weight	430g

F20 Fiscal

Fiscal	USB OR UART POGO PIN Connector (Type C only charging)
Physical	212.6mm (L)*79.1mm (W)*51.9mm (H)
Weight	440g

Multi Dock

Ports	Type C*1, RJ45*1, RJ11*1, Type A*2, Scanner*1
Pogo Pin	8 pin
Certification	CE, RoHS

Multi Dock Lite

Ports	Type C*1, RJ45*1, RJ11*1, Type A*2
Pogo Pin	8 pin
Certification	CE, RoHS

Charging Cradle

Input	USB Type C 5V/2A
Pogo Pin	2 pin
Certification	CE, RoHS

Multi-function Battery Cover

Ports	Type C*1, RJ45*1
Pogo Pin	8 pin
Certification	CE, RoHS

Bracket
Rotatable
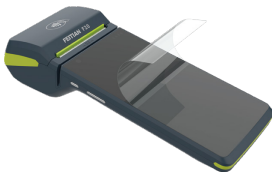
Screen Protector
Hydrogel film

Silicone Cover
Customized colors

Type C to RJ 45 Adapter
100 Mbps Ethernet LAN

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