

F20

Smart Payment Terminal



Android 14



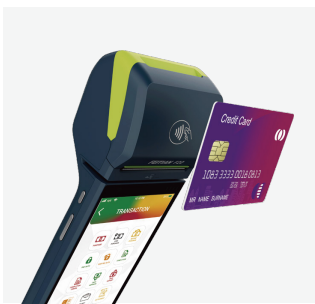
4G + 3G + 2G
Wi-Fi 5: 2.4&5GHz
Bluetooth 5.0



5.5" HD LCM
2MP + 8MP Cameras



MSR + IC + NFC + QR



Retail



Supermarket



Restaurant



Hotel



Parking lot



Gas station

Operating System	Android 14		
Processor	Quad-Core 4*A53@2.0GHz		
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		
Location	GPS, BDS, Galileo, GLONASS, QZSS, SBAS (optional: GPS, BDS, Galileo/GLONASS)		
Display	5.5 inch, HD IPS LCD, 1440*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)		
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, Rupaya, 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	<p>Camera Front Camera: None Rear Camera: 5MP/FF/AF, 2MP/FF</p> <p>Sensor G-sensor</p> <p>TF-Card MicroSD (TF Max support 256GB) *1</p> <p>Card Slot SIM*1 + PSAM*2</p> <p>Fingerprint Biometric fingerprint module (or PCBA that supports fingerprint function)</p> <p>Battery Options 7.6V/2750mAh (Equal to 3.8V/5500mAh)</p>	<p>Fiscal USB OR UART POGO PIN Connector (Type C only charging)</p> <p>USB Cable Type C (data/damping)</p> <p>Multi-function Battery Cover Type C*1, RJ45*1</p> <p>Multi-function Dock Lite Type C*1, RJ45*1, RJ11*1, Type A*2</p> <p>Multi-function Dock Type C*1, RJ45*1, RJ11*1, Type A*2, Scanner*1</p>	<p>Charging Cradle 5V/2A</p> <p>Type C USB to RJ 45 Adapter 100 Mbps Ethernet LAN</p> <p>Screen Protector Hydrogel film</p> <p>Silicone Cover Customized colors</p> <p>POS Bracket Desktop bracket</p> <p>Cash Box Customized, 6V/1A</p>

F20 Options and Accessories



**FBI Certified
STQC Certified**
Easy KYC & Fast On-boarding



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

<p>Multi Dock</p> <table border="1"> <tr> <td>Ports</td> <td>Type C*1, RJ45*1, RJ11*1, Type A*2, Scanner*1</td> </tr> <tr> <td>Pogo Pin</td> <td>8 pin</td> </tr> <tr> <td>Certification</td> <td>CE, RoHS</td> </tr> </table>	Ports	Type C*1, RJ45*1, RJ11*1, Type A*2, Scanner*1	Pogo Pin	8 pin	Certification	CE, RoHS	<p>Multi Dock Lite</p> <table border="1"> <tr> <td>Ports</td> <td>Type C*1, RJ45*1, RJ11*1, Type A*2</td> </tr> <tr> <td>Pogo Pin</td> <td>8 pin</td> </tr> <tr> <td>Certification</td> <td>CE, RoHS</td> </tr> </table>	Ports	Type C*1, RJ45*1, RJ11*1, Type A*2	Pogo Pin	8 pin	Certification	CE, RoHS	<p>Charging Cradle</p> <table border="1"> <tr> <td>Input</td> <td>USB Type C 5V/2A</td> </tr> <tr> <td>Pogo Pin</td> <td>2 pin</td> </tr> <tr> <td>Certification</td> <td>CE, RoHS</td> </tr> </table>	Input	USB Type C 5V/2A	Pogo Pin	2 pin	Certification	CE, RoHS	<p>Multi-function Battery Cover</p> <table border="1"> <tr> <td>Ports</td> <td>Type C*1, RJ45*1</td> </tr> <tr> <td>Pogo Pin</td> <td>8 pin</td> </tr> <tr> <td>Certification</td> <td>CE, RoHS</td> </tr> </table>	Ports	Type C*1, RJ45*1	Pogo Pin	8 pin	Certification	CE, RoHS
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<p>Bracket Rotatable</p>	<p>Screen Protector Hydrogel film</p>	<p>Silicone Cover Customized colors</p>	<p>Type C to RJ 45 Adapter 100 Mbps Ethernet LAN</p>
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