



F750 series rugged mobile computer



Cilico F750 is a compact and rugged handheld mobile computer that can satisfy the demands for tough field work. It meets the military standards for humidity, dust, vibration, drops and extreme temperature. Meanwhile it integrates the IOT functions including 1D barcode scanner, 2D/QR code scanner, NFC, PSAM Encryption etc.

Vertical application



Warehousing



Inspection



Manufacturing



Logistics



Retailing

F750 Specifications

Basic Parameters

Type	F750 series rugged mobile computer
CPU	Octa-Core 2.5GHz
Size & weight	170*73*20.5mm 315g(with battery)
Memory	2G LPDDR2 RAM+16G EMMC ROM
OS	Android 9.0 OS
Color	Black and dark blue
Display	4" HD ; Resolution: 800*480 support glove and wet finger operation
Communication	GSM/GPRS/WCDMA/CDMA/TD-SCDMA/TDD-LTE/FDD-LTE
GPS	GPS, BDS, GLONASS
Interface	Micro USB2.0, support OTG
Slots	1 SIM slots+ 2 PSAM slots, 1 Micro SD(support 64G)
Memory Interface	Micro SD card; expansion to 64G
Bluetooth	Bluetooth 4.2
Audio	Built-in speaker, MIC, handset
WLAN	2.4GHz&5GHz, Support 802.11a/b/g/n/ac
Camera	8.0 Mega Pixel rear camera; Auto focus; with LED light
Keyboard	Physical keypad, 2 program key(F1, F2), 3 scan keys, delete/back/enter/TAB/1/A/shortcut key
Battery	Li-Polymer 4100mAh, standby Time 280 hours, working up to 8 hours
Certificate	3C, ISO9001, CE
IP	IP68

IoT Functions

NFC	13.56MHz, support Mifare Classic(MF1)NDEF, NfcV(15693), Ultraligh(MF0), IsoDep CUP(MF3), IsoDep(CPU) 0--4cm
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1D Barcode
UPC/EAN, Bookland EAN, UCC Coupon Code, ISSN EAN, Code 128, GS1-128, ISBT 128, Code 39, Trioptic Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Composite Codes, etc

2D Image
PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR inverse, Aztec, Aztec Inverse, Postal Codes: US Postnet, US Planet, UK Postal, Australian Postal, Japan Postal, Netherlands KIX Code, USPS 4CB/One/Intelligent Mail, UPS FICS Pstal etc.

IoT UHF
Built-in UHF RFID (EPC C1/G2, 18000-6C Protocol), reading and writing tags.

US: 902--928MHz; 4--30dBm (EIRP)

EP: 865--868MHz; 4--30dBm (EIRP)

Reading distance: around 80cm (depending on to the tags and environment)

Working Conditions

Operation Temperature -20 ~ 50 °C

Storage Temperature -30 ~ 70 °C

Humidity 5 ~ 85%

Sensor

Sensor Support Light Sensor Proximity Sensor

Accessories

4100mAh Battery x1
USB cable x1
Power Adapter x1 (US, Euro, UK standard optional)
User Guide x1
NFC test card
Charging Cradle (optional)

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