

ID Platform

FAP50 | First Generation |



PHYSICAL CHARACTERISTICS

DIMENSIONS & WEIGHT	288 mm x 147 mm x 25 mm 980 grams
SCREEN	7" TFT LCD 1280x800 HD 400 cd/m ² 16.7M Colors Touch/Panel Glass: 0.7mm Corning Glass GFF Sensor Type Capacitive 5 Points Multi Touch Possibility to add an Extra Tempered Glass Protection
CAMERA	13MP Rear Camera Auto Focus (OV13850) Dual Flash Light
BATTERY	1 x 12000 mAh Removable battery Robust 2.5mm Power Jack socket for 9V / 2.5A charger
EXTENSION AND COMMUNICATION PORTS	USB type C for service port USB type A host connector 1 Micro SIM Slot 1 Micro SAM Slot 1 Micro SD Slot
AUDIO	Audio Jack: Headset with Microphone Bluetooth Headset Compatible Loudspeaker 1W
SENSORS	Light Sensor Magnetometer G sensor Gyroscope Vibrator

PERFORMANCE CHARACTERISTICS

PROCESSOR	Octa Core MSM8939 @ 1.5 GHz
MEMORY	16 GB eMMC + 2 GB DDR3 MicroSD TFLASH: Up to 128 GB
OPERATING SYSTEM	Android 6

WIRELESS COMMUNICATIONS

BLUETOOTH	4.0 - Low Energy
WLAN	WiFi 802.11 a/b/g/n - Direct - HotSpot
WWAN	2G supported frequency bands: GSM(850), EGSM(900), DCS(1800), PCS(1900) 3G supported frequency bands: WCDMA Band 1,2,5,8 4G supported frequencies bands: LTE-FDD Band 1, 3, 7, 20, 28 A&B LTE-TDD Band 40
INTEGRATED GPS	GPS A-GPS GLONASS BeiDou (active antenna)

IDENTIFICATION MODULE

CONTACTLESS CARD READER	NFC: NXP IC on board (PN66T:PN548/C2 + P61N1M3)
SECURE ELEMENT	SAM socket (SWP IF with NFC IC) P61N1M3 (NFC IC)

BIOMETRICS READER

FINGERPRINT SCANNER	Integrated Biometrics "FIVE-0" (4-4-2) Capacitive - LES technology (Light Emitting Sensor) FBI PIV / FAP50 / FIPS 201 certified Active area: 81.28 mm x 50.80 mm Resolution: 500 PPI
IRIS SCANNER	13MP FF IR Rear Camera (IMX258) Dual IR LED (SFH4787S)

REGULATORY

CERTIFICATION	EU: CE certification FCC: In progress Other Countries: On demand
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