

Athesi

Mobile Generation



RP70A Bio Specification

Description	
CPU	2GHz Hexa-core Processor
OS	Android 8.1 Oreo
Memory	RAM 4GB, ROM 32GB (64GB/128GB optional)
Communication Interface	Tablet Side : USB3.0A Host, USB2.0 OTG External Serial RS232C
Drop / Sealing	1.2m (4 ft.) drop to concrete / IP65
Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Humidity	Non-condensing, 93%
Dimensions	213mm (H) x 195.3mm (W) x 30.55 / 21mm (D) (Minimum Thickness of 21mm)
Weight	850 gram
Display	7 inch WXGA (1280x800)
Display Visibility	700 nits (cd/m ²)
Touch Panel	Capacitive Touch (Gorilla Glass 3)
Input	3 Front keys, 5 Side keys (Programmable)
Interactive Sensor Technology	Motion-sensor : 3-axis accelerometer Ambient Light Sensor
Battery	Li-Polymer 10,500mAh
Expansion Slot	Micro SDXC up to 2TB supported
Audio	Dual Speaker / MIC
Wireless WAN	Frequency band EU (USA Optional) 4G LTE : 800, 900, 1800, 2100, 2600MHz 3G HSPA+ : 900, 2100MHz 2G GSM/GPRS : 900, 1800MHz
Wireless LAN	IEEE 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.2 BLE

Description		
GPS	AGPS, GLONASS (optional)	
Notification	Vibration and LED	
Camera	13MP Rear Camera / 2MP Front Camera	
	Data Capture	
Barcode Scanner	2D Imager (Zebra SE4710)	
NFC	Integrated NFC Reader (NXP PN548)	
SIM/SAM	1 Sim Slot / 2 SAM Slots	
OCR (MRZ)	Font	OCR B
	MRZ Lines	1 line : IDL, CAN, etc 2 lines : ID2 cards, ePP 3 lines : eID
Fingerprint Module	Module	BM-Slim 2 [Suprema]
	Sensor Type	Optical Sensor
	Sensing Area	16.5mm(W) x 21.0mm(L)
	Pixel Resolution	500 ppi
	Gray Scale	256 level
	Output Image Format	RAW, BMP, WSQ, ISO 19794-4
	Format	FBI PIV certified, FBI Mobile ID FAP 20 certified
Contact Smart Card	Contact type Smart Card Reader (Gemalto)	
Iris Recognition (Opal)	Camera	5MP B&W CMOS sensor
	Operating Range	320±40mm (11"~14")
	Resolution	Above 160 pixel/cm
	Iris Capture Volume	130mm x 46mm x 80mm
	Illumination	IR LED
	Image	2592 x 920 x 30 Frame