

# FPZ10-A

ULTRA SLIM FULL RUGGED TABLET

10.1" Android Tablet

- Android 10
- Octa-Core CPU
- Full HD Display
- Duo fast W-LAN / Bluetooth 4.1 LE
- Duo SIM (LTE) / GPS / NFC
- USB-C fast charging
- rugged & light
- hot-swap battery



### Product Features



Sealing



Drop & Test



Slim & Light



10.800 mAh



4G/LTE



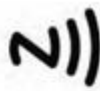
Bluetooth



Duo WLAN



GPS



NFC



## Physical & Environment Characteristics

<b>Dimensions</b>	256 x 185 x 17 mm
<b>Weight</b>	ca. 900 g
<b>Display</b>	10 inch, FHD 1920 x 1200
<b>Sealing</b>	IP67
<b>Drop/Shock</b>	MIL-STD-810G 1.2 m
<b>Battery Life</b>	8 to 10 hours
<b>Start-up time</b>	< 20 sec. (device completely off)
<b>Operating Temp</b>	-20-60 degree
<b>Storage Temp</b>	-30-70 degree
<b>Cleaning</b>	up to 80% alcohol

The viewing angle

Viewing Angle	$\theta_R$	Horizontal (Right)	80	85	-	degree
	$\theta_L$	CR = 10 (Left)	80	85	-	
	$\psi_H$	Vertical (Upper)	80	85	-	
	$\psi_L$	CR = 10 (Lower)	80	85	-	

The Greyscales is 256

## Performance Characteristics

<b>CPU</b>	Octa-Core CPU Qualcomm SDM632
<b>OS System</b>	Android 10 GMS certified
<b>Memory</b>	4 GB RAM
<b>Storage</b>	64 GB
<b>Display</b>	1920 x 1200 450 nits Projected capacitive touch screen, multi touch 10 points
<b>Buttons</b>	Power, volume +-, F1, F2, return, select
<b>I/O Ports</b>	USB-C fast charging/ data transfer micro-HDMI, external GPS-antenna, micro SD slot x1, dual SIM card slot
<b>Power</b>	Adaptor 5V (fast charging)
<b>Battery</b>	10.800 mA (40 Wh), operation time up to 10 hours, easy removeable, hot swap-able
<b>Audio</b>	Speaker x1
<b>Camera</b>	5M pixel front camera 13M pixel rear camera +flash
<b>Sensors</b>	E-Compass, G, Gyro, Light, Fingerprint

## Wireless & GPS Network Characteristics

<b>Wireless</b>	802.11 ac/b/g/n
<b>Bluetooth</b>	4.1 LE
<b>GPS</b>	ublox M8/ ext. GPS antenna connector
<b>4G</b>	4G Modem (duo SIM)/ LTE
<b>NFC</b>	ISO/ IEC 14443 A/B

## Options

2D scan integrated  
High Precision GPS (F9P) with Helix Antenna

**Modules on request:**  
Ethernet LAN interface module  
UHF-RFID module  
LoRa Interface module  
SCR smart card reader

## Accessories

Handstrap  
Active-/ Passive-Pen, 10" Anti-reflective screen protection foil  
Kickstand, Cable Clip, Desktop docking; Car docking on request

## Approvals

**CE, FCC, IC, ACMA, MIL-STD-810G**

