

# MobiPad 77X

## RUGGED TABLET PC

7 Inch FHD super bright high saturation Smart Monitor

The MobiPad 77X is a rugged tablet for outdoor use with a 7-inch 2600NIT FHD ultra-bright and high-saturation sun-readable Smart Monitor. MIL-STD-810-g/Method516.6/ProcedureIV and military standard, affordable 1.2m drop and 2 tons of shock pressure test. At the same time, Helio P60 A73 12nm FinFET 8-core processor scheme and 8G RAM/128G storage, suitable for Unmanned Aerial Vehicle, Paragliding, Extreme Skydiving, Road Motorcycle, Sea Fishing, Underwater Robot, Professional Rescue, Various Telephoto, Video Recording and Storage, Outdoor Photography and Video Surveillance, DIY Players etc...scenario. It comes with a 7000mAh battery life and can operate in extremely low temperatures.



All-mode  
Full Bands



FHD  
2600nit



IP68  
IEC(60529)



1.2m  
Drop-proof



5MP/13MP  
Camera



GNSS  
GPS+Beidou+Glonass  
+AGPS+SBAS

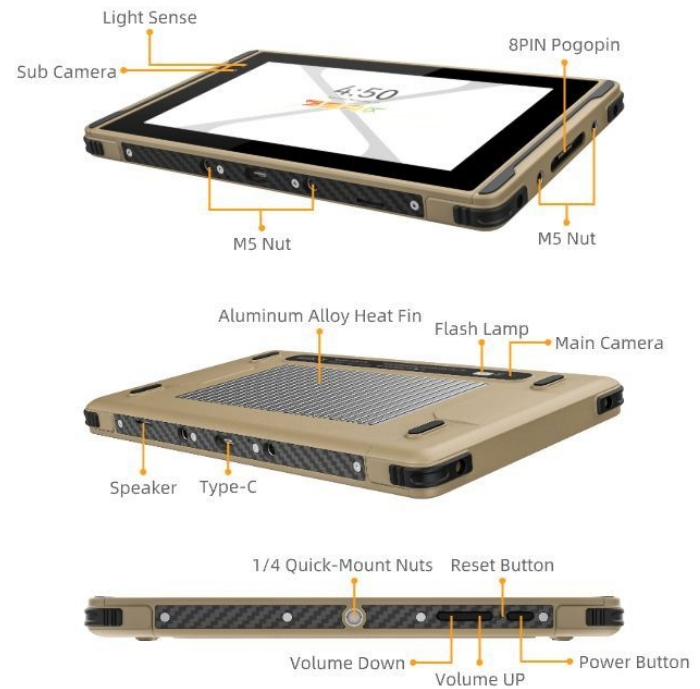
# APPEARANCE



Desert Yellow



Gray



# SPECIFICATION

Model: 77X

<b>Hardware</b>		<b>Communications &amp; Networking</b>	
<b>CPU</b>	ARM Cortex A73 Octa-core (2.0GHz)	<b>Phone Call</b>	GSM/WCDMA/VoLTE
<b>GPU</b>	ARM Mali-G72 MP3	<b>2G</b>	GSM/EDGE/GPRS/WAP
<b>RAM</b>	8GB	<b>2G Band</b>	GSM(B2/3/5/8)
<b>Internal Memory</b>	128GB	<b>3G</b>	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
<b>External Memory</b>	Micro SD card (T-FLASH card), Max 2TB	<b>3G Band</b>	WCDMA(B1/2/5/8)
<b>Sub Camera</b>	5.0MP	<b>4G</b>	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
<b>Rear Camera</b>	13.0MP(AF) with flash led	<b>4G Band</b>	TDD-LTE(B38/39/40/41); FDD LTE ( B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
<b>Battery</b>	7000mAh	<b>WI-FI</b>	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
<b>Display</b>	7 inch 1920*1080 FHD resolution super bright 2600nit	<b>BT</b>	5.0 Low Energy (LE)
<b>Touch Panel</b>	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	<b>Industrial &amp; Reliability Design</b>	
<b>IO/Sensor/Navigation</b>		<b>Shake-proof</b>	1-19Hz/1.0mm; 19-200Hz/1.0g
<b>SIM Card/TF Card</b>	Nano SIM card * 2, MicroSD card * 1 (Choose any two out of three)	<b>Dropproof /IK</b>	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
<b>Charging interface</b>	USB Type-C 24pin (Support OTG and RJ45) / Magnetic Charging Cable	<b>Waterproof</b>	Class 8 ( IEC 60529 )
<b>Data interface</b>	USB Type-C	<b>Dustproof</b>	Class 6 ( IEC 60529 )
<b>Gravity Sensor</b>	Support	<b>Operating temperature</b>	-20°C to 55°C
<b>Magnetic Field Sensor</b>	Support	<b>Storage Temperature</b>	-40°C to 80°C
<b>Motion Sensor</b>	Support	<b>Reliability</b>	MTBF>5000h; MTTR<0.5h
<b>Gyroscope sensor</b>	Support	<b>RH</b>	5% to 95% (95%RH, non-condensing)
<b>Light-sensor</b>	Support	<b>Operating Altitude</b>	Max: 4,500 m ( 15,000 feet)
<b>Acceleration Sensor</b>	Support	<b>Certification/OS/Software</b>	
<b>Charger</b>	5.0V 2A-10W	<b>Certification</b>	3C/FCC/CE/ROHS/IP68 ( IEC 60529)
<b>Navigation</b>	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	<b>Language</b>	English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese, Chinese Traditional, etc.
<b>Appearance</b>		<b>OS</b>	Android 9/10/11/13 (Continuous updates)
<b>Size</b>	208*121*16mm (LxWxH)	<b>Package/Warranty terms</b>	
<b>Weight</b>	456g	<b>Warranty</b>	12 Months
<b>Color &amp; Material</b>	Desert yellow (PC+ABS) + Gray (PC+ABS)	<b>Package</b>	Type-C Data Cable/Flight Controller Data Cable/Magnetic Charging Cable/Hex Wrench/Introduction manual/Screen protector/Packing box/Precautions Card

**mobilator**<sup>TM</sup>.pl

sklep@mobilator.pl

**NPD**

new  
portable  
devices

# APPLICATION SCENARIO



UNMANNED AERIAL VEHICLE  
UNMANNED AERIAL VEHICLE  
FLIGHT CONTROL



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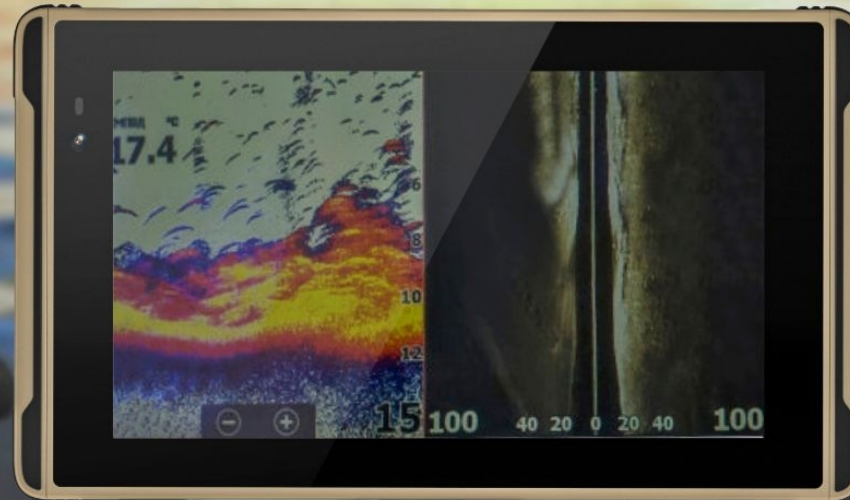
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## APPLICATION SCENARIO

THERMAL IMAGING  
THERMAL IMAGING  
SURVEILLANCE  
SURVEILLANCE



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## APPLICATION SCENARIO



HIGHWAY MOTORCYCLES  
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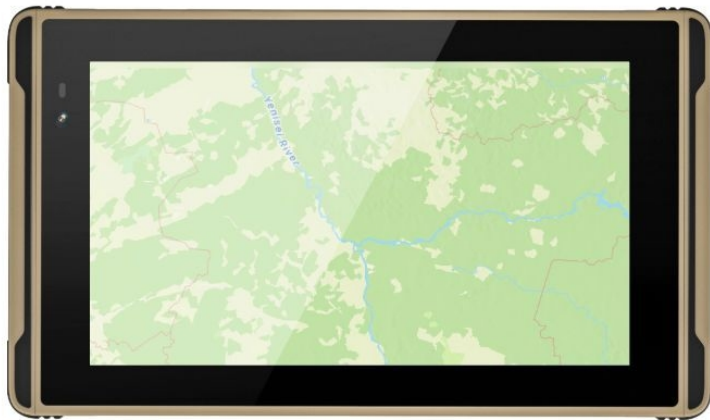
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## APPLICATION SCENARIO

CROSS-COUNTRY CYCLING  
**CROSS-COUNTRY CYCLING**



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