

RUGGED TABLET



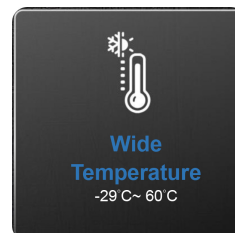
10.1" FHD Display Rugged Tablet 1920x1080, 800nits Tiger Lake i5-1135G7, 8G DDR4, 256G M.2 SSD, WIFI 6/BT 4.1, GNSS, High-gain Antenna Pass-through, both battery & Hot-Swap Backup Battery, power supply 19V / 2.36A 45W, Stylus with Pcap 10-point Multi-touch, Direct Bonding Support Windows 10 IOT (No Included)



Model: FGW1010

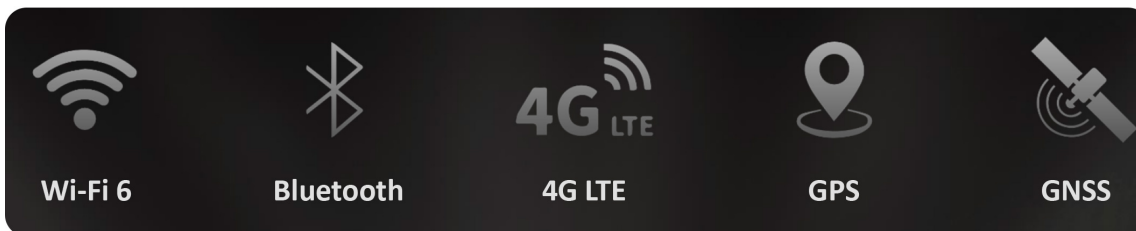
Ultimate Protection

FGW1010 meets rigorous MIL-STD-810H military specifications for drop, shock, vibration, altitude, humidity and extreme temperatures to ensure that it can handle extreme weather conditions, dust, water spray and more.



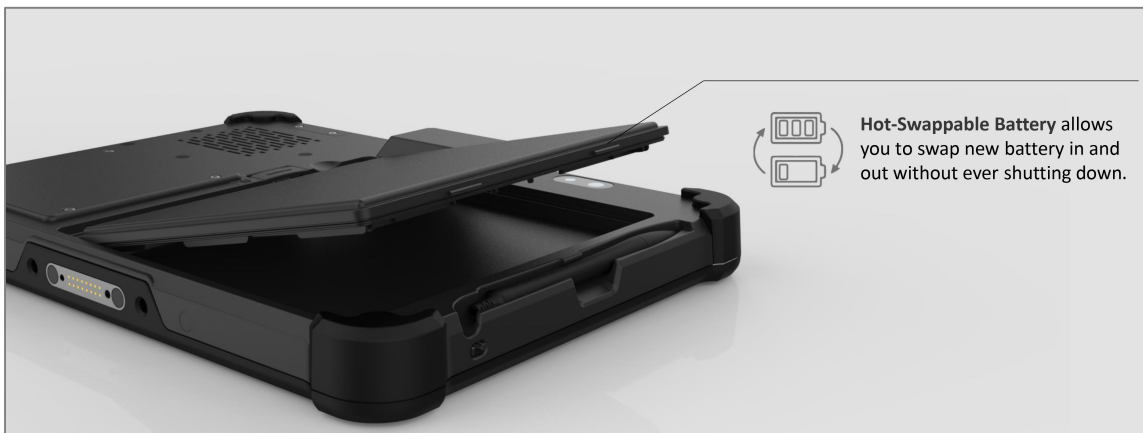
Geospatial Data-Collection

Connect your office to the field site with the advanced positioning solutions, increasing the productivity and safety improvements.



Long-Lasting Battery Life

With optimized battery life up to 9 hours* and hot-swappable battery design, it provides the full power to support your all day field operations. *Exact battery life depends on use



Hand Strap

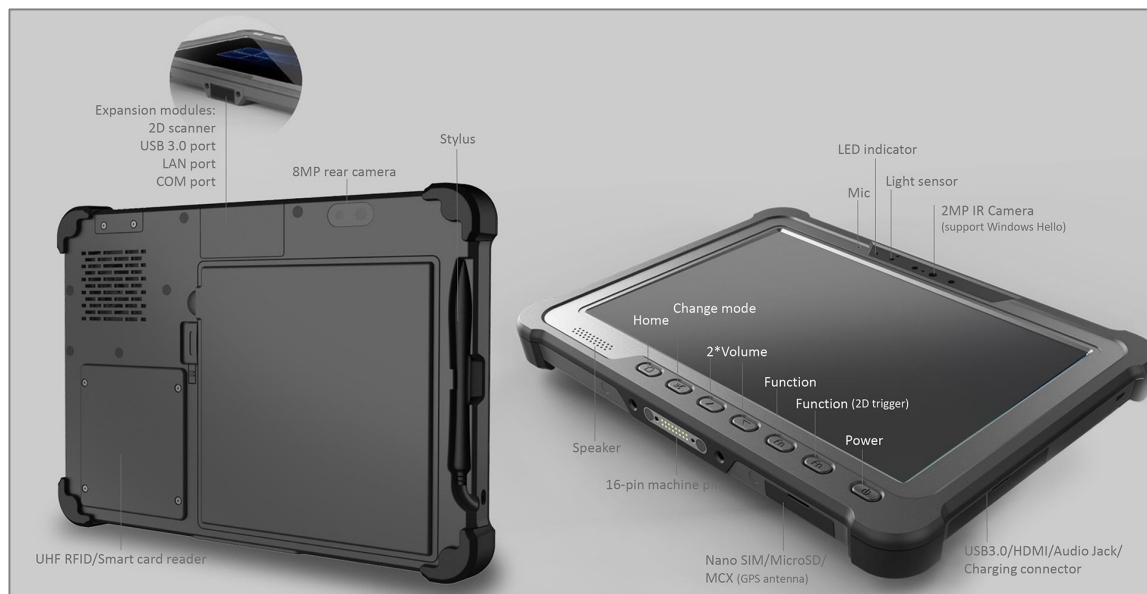
Hold it steadily with X-strap design, providing the strong protections from accidental drops.

Ultimate in Functionality

Expansion modules provide the flexibility for user configurations.



Superior Connectivity & Expandability



Environmental Testing

Certificate (Environment)	Temperature	-29°C~ 60 °C (Operating in DC mode) -10°C~50°C (Operating in battery mode) 0°C~40°C(Boot up)
	High Temperature Test	MIL-STD-810H, Method 501.7, Procedure 1 (Storage) MIL-STD-810H, Method 501.7, Procedure II (Operation) MIL-STD-810H, Method 501.7, Procedure III (Standby to Operational)
	Low Temperature Test	MIL-STD-810H, Method 502.7, Procedure 1 (Storage) MIL-STD-810H, Method 502.7, Procedure II (Operation)
	Temperature Shock Test	MIL-STD-810H, Method 503.7, Procedure 1
	IP	IP65
	Drop Test	MIL-STD-810H, Method 516.8, Procedure IV
	Shock Test	MIL-STD-810H, Method 516.8, Procedure 1
	Vibration	MIL-STD-810H, Method 514.8, Procedure 1
	Altitude	MIL-STD-810H, Method 500.6, Procedure 1
	EMC	MIL-STD-461 G

SPECIFICATIONS

System	Processor	Tiger Lake UP3 Celeron 6305E / i5-1135G7
	Memory	DDR4 4G/8G Dual Channel
	Storage	128G/256G (M.2 SSD), support SATA PCIe (NVMe)
	Supported OS	Windows 10 IoT Enterprise
Display	Size	10.1" IPS LCD
	Resolution	1920 x1200
	Brightness	800 nits
	Bonding Method	Direct Bonding
	Touch Screen	PCAP 10-point Multi-touch -support Glove mode, Rain mode, Hand mode -anti-reflective, anti-glare screen options -Gorilla glass
External I/O Ports	USB Tpye-A	1x USB 3.1
	Audio jack w/mic	1
	Mic	1
	DC charging Connector	1
	HDMI	1
	SIM Card Slot (NANO type)	1
	MicroSD Card Slot	1
Control / Indicator	Tablet Button	7 (1*power, 1*home, 1*change touch mode, 2*volume, 2*function)
	Sensor	G-sensor, Gyro, Light sensor, Digital Compass
	Vibration	Vibration motor
	LED Indicator	1 (Power/ Battery)
Camera	Front camera	2MP IR Camera support Windows Hello
	Rear camera	8MPw/LED
Audio	Speaker	1x2W

Wireless Networking	Wi-Fi / BT	Wi-Fi 6, 802.11 a/b/g/n/ac/ax/r/k/v fast roaming, BT4.1
	LTE	Sierra EM7411/7421
	GNSS	NEO M8Q
	Antenna Pass-through	High-gain antenna pass-through (GPS)
Battery & Power	Battery	11.4V /4630mAh 52W Li-polymer (3S1P)
	Hot-Swap Backup Battery	3.7V 1100mAh
	Power Adapter	19V/2.36A45W
Peripherals (option)	2D Scanner	Honeywell N4680 & EX30 long distance
	RFID	MTI UHF 900MHz (by project)
	Smart Card Reader	1
	COM Port	1
	USB Port	1
	LAN Port	1
Accessories (option)	Stylus	Active, 1.8mm
	Hand Strap	Yes
	Vehicle Dock	Yes (by project)
	Office Dock	Yes (by project)
	Battery Charging Cradle	3 bay battery charging cradle
Weight	Weight	<1300g
Dimension	Dimension	275.8x199.7x22.5 mm

**Specifications subject to change without notice, not responsible for typographical errors.*