



佛山市顺德区德怡创展电子科技有限公司  
Foshan Shunde Dignity Electronic Technology Co.,

**Product Number: F7G Plus (Intel N4120 +8G+128G+IP67 Rugged Tablet PC +Fanless)**



**Key Features** IP67, 10.1" FHD + Corning TP + N4120 + 8GB +128GB + WiFi 2.4G&5G Dual band + 1000Mbps + HDMI2.0 + RS-232 + USB3.0 + Type-C + GPS + Fingerprinter + Handle Straps + Support Windows10 Pro License

**System Physical Standard Configuration:**

Type	Details	Descriptions
Product Form	Form Factor	IP67 Rugged Tablet PC
	Dimensions	280×184×26.5mm
	Weight	1.15KG
LCD	Screen Size	10.1"
	Screen Resolution	800×1280(standard,1200*1920 optional)
TP	Touch Module	G+G Multi-Touch;
Battery	Type	Rechargeable lithium polymer
	Capacity	8000mAh/7.6V
	Working Time	8 hours (FHD local video display)

**System Hardware Configuration:**

Type	Details	Descriptions
CPU	Type	Intel Gemini lake N4120 (Quad-Core)
	Speed	1.1GHz ~ 2.6GHz (N4120)
GPU	Type	Intel UHD 600 Graphics
Memory	Capacity	8GB LPDDR4
Storage	eMMC	128GB
	SSD	Optional (Mini PCI-E slot)
Camera	Front	2M
	Rear	5M
Speaker	Built-in	8Ω/1W*2pcs with water proof
Micphone	Built-in	Yes
G-sensor	Built-in	Yes
Light-sensor	Built-in	Optional

**Network Connections:**

Type	Details	Descriptions
WIFI	WIFI Module: Intel AC3165	WIFI 802.11ac/b/g/n 2.4G&5Ghz Dual-band
Bluetooth	BT Module: Intel AC3165	Bluetooth4.2
4G LTE	Optional	Optional (Mini PCI-E slot)
QR code Scanners	Optional	Optional
GPS	BD2/GPS/Glonass (Choose two of the three)	Optional
NFC	Optional	Optional
Fingerprinter	Optional	Optional
RFID	UHF band	Optional
Ethernet Network	RJ-45	1000Mbps Gigabit Lan

**Interface Configuration:**

Type	Details	Descriptions
Type-C	Type-C 3.1 (Video Out+Data+Power)	×1pc
USB Interface	USB3.0	×2pcs
SD / TF Card reader	TF Card reader	×1pc (up to 256GB)
SIM Card Slot	SIM Slot for 4G LTE	×1pc
Audio Jack	3.5mm standard headphone+Microphone	×1pc

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(For reference only)**Key Features** IP67, 10.1" FHD + Corning TP + N4120 + 8GB +128GB + WiFi 2.4G&5G Dual band + 1000Mbps + HDMI2.0 + RS-232 + USB3.0 + Type-C + GPS + Fingerprinter + Handle Straps + Support Windows10 Pro License

HDMI Micro HDMI 2.0 ×1pc (Output 4K@60fps UHD video)

COM Port DB9 (RS232) ×1pc

**Button Switch:**

Type	Details	Descriptions
Power	On/Off	×1pc
Volume	Down/UP	×1pc
HotKey	Hot Key for QR Scanner	×1pc
Forced outage	Power restart when push restart button	×1pc

**Main Accessories:**

Type	Details	Descriptions
Power adapter	DC 12V/3A	×1pc
User's Manual	User's Manual	×1pc
Handle Straps	Handle straps and hand clasping	×1pc
Extension Docking	USB2.0; Power charging; RJ45; RS232	Optional
Vehicle Bracket	USB2.0; Power charging; RJ45; RS232	Optional

**Software Configuration:**

Type	Details	Descriptions
Power on Function	By Power Button or Auto Power on	Optional
Wake up on Lan	Wake up on Lan by RJ45	Yes
PXE	Preboot Execution Environment	Yes
Security	TPM2.0 (Hardware) contained	Optional
Operating System	Windows 10 Pro	Optional
	Ubuntu Linux	Test by end user

**Environment:**

Temperature	Operation Temperature	-10°C ~ 55°C (1080p or 4K local video display)
	Storage Temperature	-20°C ~ 70°C (Restore to Operation Temperature 2hr before use)
Humidity	Operating Humidity	35% ~ 80% relative humidity, Non-condensing
	Storage Humidity	20% ~ 93% relative humidity, Non-condensing

**Certification:**

IP67	IP67 Certification	Yes
CE	CE-Red	Yes