

Rugged Notebook EM-I22J/Q22M



Product Feature:

- Support Ublox GPS
- Support DB9 Serial port
- IP65 Grade
- Corning gorilla glass
- Rich accessories
- Optional 5G

Ordering Information:

Model	Performance Parameter
EM-I22J	Intel Celeron N5100 CPU Windows 11/Windows 10 4GB/8GB/16GB RAM 64GB/128GB/256GB/512GB
Model	Performance Parameter
EM-Q22M	Qualcomm OCTA Core CPU Android 10 4GB RAM 64GB

Specification Parameter

Basic Parameter	Dimension	319.6 x 216 x 24.3mm
	Weight	1500g
	Device Color	black
	LCD	12.2" IPS 16:10, 1920*1200
	Touch Panel	10 point capacitive, G+G, Corning gorilla glass
	Camera	Front 5.0MP, Rear 8.0MP (EM-I22J) Front 5.0MP, Rear 13.0MP (EM-Q22M)
	I/O	TF Card x 1, SIM Card x 1 USB2.0 x 1, USB3.0 x 2 (EM-I22J) USB2.0 x 2, USB3.0 x 1 (EM-Q22M) Type-C x 1, HDMI x 1 DB9 x 2, RJ45 x 1, 12pin Pogo Pin x 1 Φ3.5mm standard earphone jack x 1
Battery	Power	AC100V ~ 240V, 50Hz/60Hz, DC 19V/3.42A (EM-I22J), DC 5V/4A (EM-Q22M)
	Capacity	7.4V/6300mAh+1000mAh (EM-I22J) 3.7V/12600mAh (EM-Q22M)
	Type	Removable polymer lithium battery
Communication	Endurance	9hrs (EM-I22J), 8hrs (EM-Q22M)
	GNSS	GPS+Glonass (EM-I22J), GPS+Glonass+Beidou (EM-Q22M)
	WIFI	2.4G+5.8G, WIFI 802.11(a/b/g/n/ac) (EM-I22J) 2.4G+5G, WIFI 802.11(a/b/g/n/ac) (EM-Q22M)
	Bluetooth	BT 5.0 (EM-I22J), BT 4.2 (EM-Q22M)
	2G/3G/4G/5G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A, WCDMA: B1/B8, GSM: B3/B8, SA&NSA: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79, 5G SA&NSA: LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32, LTE-TDD: B34/B38/B39/B40/B41/B42, WCDMA: B1/B5/B8 5G SA&NSA: LTE-FDD: B1/B3/B5/B8/B28, LTE-TDD: B34/B38/B39/B40/B41, WCDMA: B1/B8, N1/N28/N41/N78/N79 (EM-I22J) WCDMA: B1/B5/B8, GMS: B3/B5/B8, TDD-LTE: B38/B40/B41, FDD-LTE: B1/B3/B5/B7/B8/B20 (EM-Q22M)
	Reliability	Operate Temperature
Store Temperature		-30 °C ~ 70 °C
Humidity		95% Non-Condensing
IP Grade		IP65
Expansion Module	NFC	Optional, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, mifare (EM-I22J) Built-in, ISO/IEC 14443A (EM-Q22M)
	1D	Optional, MOTO SE655E100R
	2D	Optional, EM80

Accessory:



Hand-strap Docking Charger Removable keyboard Removable Battery Car Charge Vehicle Mount Carry handle Shoulder-strap Back-strap