



Intel-Core i7



16GB | 128GB



6300mAh



1 Nano Sim+
1 TF Card



WI-FI



12.2-INCH



Bluetooth



Windows 11



2MP Front
8MP Rear



IP65
Rating



GPS



M20A

STANDARD
MIL-STD
810H

M20A



Technical Specifications:

Technical Specifications

Dimensions	339 x 230x26 mm
Weight	1500g
Operating System	Windows 11 Home
Audio	1 Microphone, 2 (1W) Speakers
Card Slots	1 TF card, 1 Nano Sim
USB Type-C, USB 3.0, OTG	1
Buttons	2 Volume Keys, 1 Power Key, 1 Function Key, P1 Key
3.5mm Audio Jack	1
12 pin Pogo Pin	1
DC 19V3.42A	1
USB-A 3.1	1
HDNI	1
RJ45/RS232 Ports	(optional)

Sensors

Gravity Sensor	Yes
Light Sensor	Yes
Proximity Sensor	Yes
Acceleration Sensor	Yes
Magnetic	Yes
Gyroscope	Yes
NFC	Support
Fingerprint Sensor	Support

Performance

CPU	Intel Core i7 (1255U)
CPU Clock	Octa-Core 64-Bit ~3.5GHz
GPU	UHD Intel Graphics

User Environment

Operating Temp.	-20°C to 60°C
Storage Temp.	-30°C to 70°C
Humidity	5%RH - 95%RH

Camera

Front Camera	2MP Auto Focusing camera
Rear Camera	8MP Auto Focusing, With Rear Flash

Memory

RAM	16GB
ROM	128GB
Expandable Storage	Up to 512 GB

Certifications

Sealing	IP65 per IEC Sealing Specifications
Drop Specification	MIL-STD-810H

Battery

Type	Rechargeable Lithium-Polymer Battery
Capacity	700mAh
	6300mAh Removable (Hot-swappable)
Charging	3.8V/3A
Fast Charging	18W

Screen

Type	LCD HD IPS 650nits Display
Resolution	1200x 1920 pixels
	12.2-inch
Size	Multi Touch, H7, G+G
Touch Panel	

Network & Connectivity

WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5.8G Dual Band
Wi-Fi 6	Optional
WWAN	4G, 3G, 2G, (5G Optional)
Bluetooth	5.1
GNSS	GPS + Glonass + BeiDou

Modules (Optional)

2D Scanner	Optional
NFC	Optional
QR Scanner	Optional

Accessories (Optional)

Vehicle Charger	Optional
Detachable Battery	Optional
Vehicle Mount	Optional
Docking Charger	Optional
Hand Strap	Optional
Carry Handle	Optional

Packaging

Box Contents	Device, USB cable, Charging Adapter, User Manual
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Accessory Options



Hand Strap



Adapter



Charging Dock



Handle strap



Detachable Battery



Stylus

Vehicle Mount Options



Tablet Cradle



Optional



100mm Vesa Plate



Round Ball Base
1.5"



Vibration Dampeners



9cm Double Socket Arm
1.5"



15cm Double Socket Arm
1.5"



Triple Suction Cup Base
1.5"



Round Ball Base
1.5"



Square Post Clamp Base
1.5"



Dual Swivel Arm Base
1.5"



100mm Vesa Plate