



Intel-Core i5



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 i5 (1235U) |
| CPU Clock | Octa-Core 64-Bit ~3.3GHz |
| 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 Battery (Optional) |
| 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 |
|--------------|--|

Accessory Options



Hand Strap



Adapter



Charging Dock



Stylus



Detachable Battery

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