

Mesa Rugged Notepad Specifications

Processor

- 806 Mhz PXA320 Processor

Operating System and Software

- Microsoft® Windows Mobile® 6.5.3
- Multiple languages

Memory and Data Storage

- 256 MB RAM
- 4 GB Flash Storage
- SD/SDHC slot, user accessible

Display

- Active viewing area: 5.7" (145 mm) color VGA LCD (640 x 480)
- High visibility backlit LCD
- Portrait or landscape orientation

Keyboard

- 15 control buttons (6 user reassignable)
- Five-way directional navpad
- Adjustable LED backlit keys

Ports

- COM1, RS-232C 9-pin D connector with 5VDC power on DTR pin
- USB Host (Full A), USB Client (Mini B)
- 12VDC @ 800mA, 10-18V unregulated
- 3.5 mm audio jack, supports speaker/microphone or stereo output (pin detect)

Physical

- Size, Standard models: 5.3"w x 7.9"l x 2"d (136 mm x 200 mm x 51 mm)
- Size, Geo models: 5.3"w x 8.6"l x 2"d (136 mm x 220 mm x 51 mm)
- Weight: 1.9 lbs (862 g) with one battery, 2.2 lbs (998 g) with two batteries
- Magnesium alloy case front, plastic back
- Mounting holes for external accessories
- Adjustable, multi-position hand strap
- Easy to grip, impact absorbing bumpers

Environmental

- IP67 waterproof and dustproof
- Operating Temperature: -4F to 122F (-20C to 50C)
- Storage Temperature: -22F to 158F (-30C to 70C)
Note: Bluetooth® wireless technology is rated to -4F (-20C)
- Shockproof: multiple drops from 4' (1.2 m) onto concrete
- MIL-STD-810G Test Procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

Power

- Intelligent Li-Ion battery 7.4VDC @ 2550mAh, 18.87Whr
- Two battery slots, warm-swappable
- Operates for up to 16 hours on one charge
- Charges in 2 to 4 hours
- Battery easily changeable in field

Wireless Connectivity Options

- Bluetooth® wireless technology, 2.0 +EDR, Class 1, range 100 feet (30 m)
- Wi-Fi 802.11b/g
- Quad-band 3G GSM/GPRS/EDGE: 850/900/1800/1900 MHz
- Data communication interface, SMS

Camera (Geo models):

- 3.2MP resolution with autofocus
- Juniper Geotagging: embed and emboss photo with date, time, and GPS position

GPS (Geo models):

- 2 to 5 meter typical accuracy
- Integrated real-time SBAS

Certifications and Standards

- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN60950 Safety
- RoHS Compliant

Standard Accessories

- Li-Ion battery
- Hand strap
- Stylus
- USB download cable
- 100-240VAC power supply
- Screen protector

Optional Accessories

- Travel charger
- 12VDC Vehicle Charger
- International AC charger kit
- Mesa Mobile Dock

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