A
Specifications

Mesa Rugged Notepad Specifications

FEATURE	SPECIFICATION
Operating System	- Microsoft® Windows Mobile® 6.5 - English, French, German, Spanish
Processor	- Marvell XScale 806 Mhz Processor
Memory	- 256 MB RAM
Primary Data Storage	- 4 GB Flash Storage
SD Card Slot	- SD/SDHC slot, full sized, user accessible
Physical Features	- Dimensions, standard: 5.3" x 7.5" x 2" (136 mm x 200 mm x 51 mm) - Dimensions, Geo model: 5.3" x 8.6" x 2" (136 mm x 220 mm x 51 mm) - Weight, Mesa standard with one battery: 1.9 lbs (862 g), Mesa Geo with two batteries: 2.34 lbs (1061g), Mesa Geo 3G with two batteries and cell modem: 2.36 lbs (1070 g) - Magnesium alloy case front, plastic back - Impact absorbing elastomer bumpers - Four mounting holes for external accessories, #8-32 thread rectangular pattern, 3.45" x 4.11" (87.63 mm x 104.39 mm), .3" deep (7.62 mm) - Hand strap, adjustable, attach to any side
Display	- 5.7" (145 mm) color VGA LCD - 640 x 480 pixel resolution - LED backlight - Outdoor viewable - Portrait or landscape orientation

FEATURE	SPECIFICATION
Touchscreen	■ Resistive technology for use with finger or stylus ■ Touchscreen disable function
Keyboard	■ 15 control buttons (6 reassignable) ■ Function keys ■ Five-way directional button ■ Backlight ■ On-screen keyboard
Batteries	■ Rechargeable Li-Ion battery pack 7.4VDC 2550mAh, 18.87Wh ■ 2 battery pack compartments ■ Run time of 8 to 16 hours ■ Charging time 2 to 6 hours ■ Built-in battery intelligence ■ User-replaceable without tools
Connector I/O Module	■ RS-232C 9-pin D-sub connector, +5V @ 500 mA available on DTR pin 4 (can also be configured on ring in pin 9 via software configuration) ■ USB Host (Full A) ■ USB Client (Mini B) ■ 12VDC jack for power input and battery charging, +12V DC 1.5A ■ 3.5mm audio jack, supports speaker/microphone or stereo output (pin detect). ■ Connector protector
Wireless Connectivity	■ Bluetooth® wireless technology 2.0 +EDR Class 1, ■ Wi-Fi 802.11b/g, U.S. and international

FEATURE	SPECIFICATION
Audio	▪ Speaker, forward facing, loud, clear ▪ Microphone, low noise ▪ 3.5mm audio jack, supports stereo headset and microphone at the same time (speaker disable)
Activity Indicators	▪ Red: boot/startup status, power applied/charging status ▪ Green: suspend/resume status, application programmable ▪ Blue: application programmable ▪ On screen boot/startup indication
Temperature Specifications	▪ Operating Temperature: –4° to 122° F (–20° to 50° C) *Note: Bluetooth® wireless technology is rated to -4 degrees F (-20 degrees C)* ▪ Storage Temperature: *–22° to 158° F (–30° to 70° C) ▪ Battery Charging Temperature: 32° to 104° F (0° to 40° C)
Dust and Water Sealing	▪ IP67 rating, waterproof and dustproof
Shock Resistance	▪ Withstands multiple 4′ (1.2 m) drops onto concrete
Environmental	▪ MIL-STD810G standard for water, humidity, sand and dust, vibration, altitude, shock, low temperature, high temperature, temperature shock
Warranties	▪ 12 months for Mesa unit and optional cell modem ▪ 90 days for accessories ▪ Extended warranty options

FEATURE	SPECIFICATION
Software Included	■ ActiveSync ■ Adobe Reader LE ■ Alarms ■ Calculator ■ Calendar ■ Contacts ■ E-Mail ■ File Explorer ■ Getting Started ■ Help ■ Internet Explorer ■ Internet Sharing ■ Juniper Home Screen, customizable with selectable dashboard gadgets and program shortcuts ■ Marketplace ■ Messaging ■ Microsoft MyPhone ■ Microsoft® Office Excel Mobile ■ Microsoft® Office OneNote Mobile ■ Microsoft® Office PowerPoint Mobile ■ Microsoft® Office Word Mobile ■ Notes ■ Pictures & Videos ■ Remote Desktop Mobile ■ Search ■ Settings ■ Task Manager ■ Tasks ■ Text Messaging ■ Windows Live ■ Windows Media

FEATURE	SPECIFICATION
Configurations	- Standard U.S. (4GB storage, U.S. Wi-Fi, Bluetooth) - Standard International (4GB storage, International Wi-Fi, Bluetooth) - Geo U.S. (4GB storage, U.S. Wi-Fi, Bluetooth, Camera, GPS) - Geo International (4GB storage, International Wi-Fi, Bluetooth, Camera, GPS) - Geo 3G U.S. (4GB storage, U.S. Wi-Fi, Bluetooth, Camera, GPS, GSM Data Modem) - Geo 3G International (4GB storage, International Wi-Fi, Bluetooth, Camera, GPS, GSM Data Modem)
Camera (Geo models)	3MP resolution - Autofocus - JPEG image format - Juniper Geotagging; embed and/or emboss photo with date, time and GPS position
GPS (Geo models)	2 to 5 meter typical accuracy - GPS receiver is a uBlox NEO - Integrated real-time SBAS capability, support for WAAS, MSAS, EGNOS - File format NMEA-0183 v2.3, default strings: GGA, GSA, GLL, GSV, TXT, RMC, VTG - Track 12 or more satellites simultaneously - Juniper Home Screen GPS signal quality indicator - Juniper Home Screen GPS compass

FEATURE	SPECIFICATION
3G Data Modem (Geo model option)	■ Factory installed option ■ Five band GSM/GPRS/EDGE, 850/900/1800/1900/2100 MHz data speeds ■ Does not support voice calls ■ Communicates on GSM-based networks
Certifications and Standards	■ FCC Class B ■ CE Marking (applicable EMC, R&TTE, and LVD directives) ■ Industry Canada ■ EN60950 Safety ■ Bluetooth SIG qualification ■ USB client ■ IP67 ■ Designed to MIL-STD 810G
Standard Accessories	■ Li-Ion battery(s) ■ Hand strap ■ Stylus ■ USB sync cable ■ Wall charger Input: 100-240VAC, 50/60Hz, 0.5A Output: 12VDC, 1.5A ■ Screen protectors: 1 Ultra-Clear, 1 Anti-Glare ■ Connector protector ■ Documentation CD
Optional Accessories	■ Shoulder strap ■ Serial cable ■ Cigarette Lighter Charging Adaptor ■ Travel charger (for 1 or 2 batteries) ■ Mesa Mobile Dock with desktop base or vehicle mount