



Xplore XSLATE R12 Rugged Tablet PC

PRODUCT SPECIFICATIONS

DURABILITY

- MIL-STD-810G (multiple 4' drops)
- Class 1 Division 2 for Hazardous Locations
- IP54 (Water, dust and splash resistant)
- Corning® Gorilla® Glass 4
- Magnesium-alloy internal frame
- Rubberized enclosure

PROCESSOR

- Intel® Core™ i7-7500U:
 - i7-7500U, 2.7 GHz with turbo frequency to 3.5 GHz, 4 MB SmartCache, 2 cores (4 threads)
- Intel® Core™ i5-6200U:
 - i5-6200U, 2.3GHz with turbo frequency to 2.8 GHz, 3MB SmartCache, 2 cores (4 threads)

OPERATING SYSTEM

- Windows® 10 Pro 64-bit
- Windows® 8.1 Pro 64-bit
- Windows® 7 Professional 64-bit
 - **available thru Windows 10 downgrade

STORAGE & MEMORY

- 8 GB DDR4 2133 MHz SDRAM memory
- 128 GB SSD
- 256 GB SSD
- 512 GB SSD
- Micro-SD Card Slot

DISPLAY

- Intel® HD Graphics 520
- 12.5" Wide Viewing Angle Display
- Full-HD Resolution (1920 x 1080)
- 800 Nit Display Brightness
- Anti-Smudge + Anti-Reflective View Anywhere Display
- Capacitive 10-Point Touch
- Wacom Digital Pen Input
- Intel Display Power Saving Technology (DPST)
- Ambient Light Sensor

BATTERY

- Battery life over 9 hours
- Hot swappable Lithium Ion Standard battery with 45WHr capacity
- Battery charge time: 2.5 hours (Tablet PC on/off)
- Input 19V Power Supply with AC Adapter

CAMERA

- 8.0 Megapixel camera (rear-facing)
- 2.0 Megapixel camera (front-facing)
- Camera Active Status Indicator

SECURITY

- Integrated Fingerprint Reader
- TCG Trusted Platform Module (TPM) 2.0
- Optional CAC / SmartCard reader

INTEGRATED COMMUNICATIONS

- Intel® Dual Band Wireless-AC 8260 Wi-Fi plus Bluetooth® 4.2
- Optional Internal Wireless (1 expansion slot)
 - Sierra Wireless EM7455 (NA and EU) 4G LTE with GNSS (GPS + GLONASS + Beidou)
 - or
 - Sierra Wireless EM7430 (APAC) 4G LTE with GNSS (GPS + GLONASS + Beidou)
 - or
 - Navisys Technology GE-635/u-blox 6 GPS with SBAS (WAAS, EGNOS and MSAS)
- Optional 1D/2D Barcode Reader via SlateMate®
- Optional 13.56 HF RFID with read/write capability via SlateMate®
- 9 Axis MEMS sensor (Accelerometer, eCompass, Gyroscope)
- Ambient Light Sensor
- Intel® High Definition Audio
- RealTek noise cancellation
- Multi-directional array microphone
- - 3 microphones (2 front facing array mic's and 1 rear-facing mic)
- 2 Integrated speakers

I/O INTERFACES

- Docking connector
- USB 3.0 port
- 3mm Audio I/O jack
- HDMI port
- Micro-SIM Card Slot (3FF)
- Optional RS232 True Serial Port via Dongle
- Optional RJ45 Gigabit Ethernet Port via Dongle
- Optional Integrated CAC/Smart Card Reader

DIMENSIONS/WEIGHT

- 12.93" x 8.17" x .75" (328.5mm x 207.5mm x 19mm)
- 2.95 lbs (1.34 kg)

STANDARDS

- ACPI 5.0 compliant
- UEFI BIOS

WARRANTY

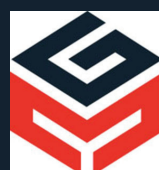
- Standard 3 Year Limited Warranty

ENVIRONMENTAL

- Tested to MIL-STD-810G Standards
- Operating Temperature: -10 °C to 55 °C / 14 °F to 131 °F
- Storage Temperature: -30 °C to 70 °C / -22 °F to 158 °F
- Transit Drop - Operating: 4' (1.22 M) Drop Direct to Plywood over Concrete while System is Operating, (26 Drops)
- Vibration: Minimum Integrity Non-operating, US Highway Truck and Composite Wheel Operating
- Shock: 20G Operating, 40G non-operating
- Humidity: 23 °C to 60 °C / 73 °F to 140 °F, 95% Non-Condensing, 10 Days
- Natural Cycle Humidity: Fig 507.5-6, Non Hazardous B3 Class, 30 Days
- Water Proofness: Fig 506.5, 140L/hr, per sq/m, 15 Minutes
- Wind Driven Rain: Fig 506.5, 40 MPH Wind, 30 Minutes Per Side
- Blowing Sand: 20M/S, rate 1.1g/m3 (+/- .3g) at High Temperature of 60 °C
- Blowing Dust: Velocity 8.9M/s Dust Concentration 3.9 g/m3 at High Temperature of 60 °C
- Temperature Shock: -30 °C to 70 °C / -22 °F to 158 °F within 5 Minutes
- Explosive Atmosphere: Method 511.5, @60 °C, 20,000ft, 10,000ft, and 5,000ft
- Contamination by Fluids: 50/50 Solution of Water and Bleach, 50/50 Solution of Water and Hydrogen Peroxide, Diesel Fuel, Mineral Based Oil, Lysol Disinfectant, Denatured Alcohol, Isopropyl Alcohol
- Altitude: 40,000 Ft (12,192 M) Operating, 50,000 ft (15,240m) Non Operating
- IEC (60529) Ingress Tested to an IP54 Standard

REGULATORY

- UL/CSA 60950-1, 2nd Ed.
- EC/EN 60950-1
- AS/NZS 60950-1, 2nd ED.
- LVD Directive 2014/35/EU
- NOM 019
- ANSI/ISA 12.12.01-2013 (Hazardous Location)
- -SAR: FCC OET 65 Supplement C, CAN/CSA RSS-102, ESTA EN50392
- -EMC: Directive 2014/30/EU, FCC Part 15 B, Class B, CAN/CSA ICES -003, Class B, EN55022 (CISPR 22), Class B EN55024 (CISPR 24), EN61000-3-2, EN61000-3-3



Group Mobile
5590 W. Chandler Blvd. Suite 3
Chandler, AZ 85226
Toll Free: 1-866-RUGGED8
www.GroupMoble.com