



MIL-STD  
810G

IP54

CID2†  
Certified

## MOTION® BY XPLORE™

# F5m RUGGED TABLET PC

### PRODUCT SPECIFICATIONS

<b>PROCESSOR / CACHE</b>	<ul style="list-style-type: none"> <li>Intel® Core™ i7 vPro™ Processor 2.6 GHz 5600U with Turbo Boost to 3.2 GHz (4MB of L3 cache, 2 Cores/4 Threads) or</li> <li>Intel® Core™ i5 Processor 2.2 GHz 5200U with Turbo Boost to 2.7 GHz (3MB of L3 cache, 2 Cores/4 Threads) or</li> <li>Intel® Core™ i3 Processor 2.0 GHz 5005U (3MB of L3 cache, 2 Cores/4 Threads)</li> </ul>	<b>SYSTEM MEMORY</b>	<ul style="list-style-type: none"> <li>DDR3L 1600MHz SDRAM memory</li> <li>Base configuration of 4GB</li> <li>Optional configuration of 8GB or 16GB</li> </ul>
<b>OPERATING SYSTEM</b>	<ul style="list-style-type: none"> <li>Windows® 10 Pro 64-bit</li> <li>Windows® 8.1 Pro 64-bit*</li> <li>Windows® 7 Professional 64-bit*</li> </ul> <p>*available thru Windows 10 downgrade</p>	<b>SYSTEM STORAGE</b>	<ul style="list-style-type: none"> <li>m.2 Solid State Drive (SSD) with capacities of 64GB, 128GB or 256GB</li> <li>m.2 Self-encrypting drives (SED) with capacity of 256 GB (optional)*</li> <li>AHCI</li> </ul>
<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>Meets MIL-STD-810G</li> <li>IP54 rated - Water, dust and splash resistant</li> <li>Class I Division 2 certified (optional configuration)†</li> <li>Durable Gorilla® Glass</li> <li>Rubberized for shock dampening</li> <li>Magnesium-alloy internal frame</li> <li>Molded handle helps prevent drops</li> </ul>	<b>INTEGRATED COMMUNICATIONS</b>	<ul style="list-style-type: none"> <li>Intel® Dual Band Wireless-AC 7265 Wi-Fi and Bluetooth® 4.0</li> <li>Optional Integrated Mobile Broadband - Qualcomm® Gobi™ technology 4G XLTE** Mobile Broadband with either                             <ul style="list-style-type: none"> <li>o GNSS (GPS + GLONASS)</li> <li>o Optional U-Blox 7 GPS</li> </ul> </li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>10.4" XGA (1024 x 768) View Anywhere® Display with Projective Capacitive 10-point Touch TFT AFFS+ LED Backlight with Durable Gorilla® Glass or</li> <li>10.4" XGA (1024 x 768) Standard Display with Projective Capacitive 10-point Touch TFT AFFS+ LED Backlight with Durable Gorilla® Glass</li> <li>Intel Display Power Saving Technology (DPST)</li> </ul>	<b>AUDIO</b>	<ul style="list-style-type: none"> <li>Noise cancellation technology</li> <li>Multi-directional array microphone design with 2 microphones</li> <li>Integrated speaker</li> </ul>
<b>GRAPHICS</b>	<ul style="list-style-type: none"> <li>Intel® HD Graphics 5500 GT2</li> <li>Rotation: 0°, 90°, 270°</li> </ul>	<b>I/O PORTS</b>	<ul style="list-style-type: none"> <li>Docking connector</li> <li>USB 3.0 port with rubberized cover</li> </ul>
<b>AUDIO CONTROLLER</b>	<ul style="list-style-type: none"> <li>High Definition Audio</li> </ul>	<b>EMBEDDED I/O</b>	<ul style="list-style-type: none"> <li>8.0 Megapixel camera (rear-facing)</li> <li>2.0 Megapixel front-facing web camera</li> <li>Optional 1D/2D Barcode Reader</li> </ul>
		<b>SECURITY</b>	<ul style="list-style-type: none"> <li>Integrated Fingerprint Reader with OmniPass software</li> <li>TCG Trusted Platform Module (TPM) 1.2</li> <li>Smart card reader (optional) - ISO 7816 PC/SC - EMV2 2000 Level 1</li> <li>Computrace® Complete (optional)</li> </ul>
		<b>DIMENSIONS</b>	<ul style="list-style-type: none"> <li>10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm)</li> </ul>
		<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>3.3 lbs.¹ (1.50 kg)</li> </ul>
		<b>BATTERY</b>	<ul style="list-style-type: none"> <li>Battery life over 8 hours²</li> <li>Hot swappable Lithium Ion standard battery with 40WHr capacity</li> </ul>
		<b>BATTERY CHARGING TIME</b>	<ul style="list-style-type: none"> <li>Standard Battery - 1.5 hours (Tablet PC on/off)³</li> </ul>

## ACADAPTER

- 65W universal, 3-pin jack
- 100-240V 1.5A, 50-60Hz

## SOFTWARE

- Windows® 7 Software
- SnapWorks® by Motion Camera App
  - Barcode Reader
  - Motion/Softex OmniPass™ Security Software
  - Motion Dashboard Control Panel
  - Mobile Broadband Connection Manager
  - Pen and Touch Enabled BIOS Setup
  - Infineon Security Platform Tools (Optional)

- Windows® 8 Software / Windows® 10 Software
- SnapWorks® by Motion
  - Barcode Reader
  - Motion/Softex OmniPass™ Security Software
  - Motion Tablet Center
  - Know Your Motion Tablet
  - Pen and Touch Enabled BIOS Setup
  - Infineon Security Platform Tools (Optional)

## SYSTEM STATUS LED

- Power on/off/stand by LED ring around power button
- Battery status LED on back
- Battery charge gauge on front

## CONTROL BUTTONS

- One 5-way directional for navigation
- One function, one Dashboard and two programmable
- Secure Attention Sequence (SAS)
- Volume controls
- Windows Home button
- Barcode scan trigger (programmed)

## BUILT-IN CAMERAS

### Rear-Facing Camera

- Autofocus
- 8.0 megapixel resolution
- Illuminator light

### Front-Facing Camera

- Autofocus
- 2.0 megapixel resolution

## ENVIRONMENTAL

- MIL-STD-810G Certified
  - 14' Drop, Altitude, -51°C to 71°C Storage Temperature, -10°C to 55°C Operating Temperature, Temperature Shock, Rain, Humidity, Sand and Dust, Vibration, Shock
- Class I Division 2 certified, Groups ABCD (optional configuration)
- EU Directive RoHS 2 (2011/05/EU)
- EU Directive ErP (2009/125/EC)
- EU Directive WEEE (2012/19/EC)

## WARRANTY

- 3-year standard warranty

## STANDARDS

- ACPI 3.0b compliant

## SAFETY

- AS/NZS 60950-1
- Class I Division 2 certified (optional configuration)
- FCC/ANSI C63.41
- IC RSS 102
- ETSI EN 62311
- UL, CUL, CE (IEC/EN60950-1 A11/2004)
- EU Directive LVD (2006/95/EC)
- EU Directive Batteries (2006/66/EC and its amendments)
- California Proposition 65
- Technical Instructions for Safe Transport of Dangerous Goods by Air (ICAO Doc #9284)
- Emergency Response Guidance for Aircraft incidents involving Dangerous Goods (ICAO Doc #9481)

## REGULATORY

- AS/NZS 3548:1995 Class B
- AS/NZS 4268
- AS/ACIF S042.1 (WCDMA/HSDPA)
- AS/ACIF S042.3 (WCDMA/HSDPA)
- AS/ACIF S042.1 (GSM/EDGE)
- AS/ACIF S042.3 (GSM/EDGE)
- CAN/CSA ICES-003 Class B
- CAN/CSA RSS-210 Issue 5
- CAN/CSA RSS-310 Issue 2
- CAN/CSA RSS-132 (1xRTT/EVDO-0/EVDO-A)
- CAN/CSA RSS-133 (1xRTT/EVDO-0/EVDO-A)
- CENELEC EN 60601-1-2
- CENELEC EN 55022 Class B (CISPR22)
- CENELEC EN 55024 (CISPR24)
- CENELEC EN 61000-3-2
- CENELEC EN 61000-3-3
- ETSI EN 301-893
- ETSI EN 300-328
- ETSI EN 300-440
- ETSI EN 301-489-1
- ETSI EN 301-489-7
- ETSI EN 301-489-17
- ETSI EN 301-489-24
- ETSI EN 301-511
- ETSI EN 301-908
- FCC Part 15 Subpart B Class B
- FCC Part 15 Subpart C (2.4 GHz)
- FCC Part 15 Subpart E (5 GHz)
- FCC Part 22 H (1xRTT/EVDO-0/EVDO-A)
- FCC Part 24 E (1xRTT/EVDO-0/EVDO-A)
- FCC Part 27 (WCS)
- R&TTE (89/336/EEC) & R&TTE (99/5/EC)

## For more information contact:

Glacier Computer, LLC

John Geary

603.882.1560 x 3213

johng@glaciercomputer.com



\* Ask your representative for more information

\*\* Compatible with Verizon 4G LTE networks where available. Standard 4G LTE and AWS spectrums supported.

<sup>1</sup> Weight represents approximate system weight measured with a 40Whr battery. Actual system weight may vary depending on component and manufacturing variability.

<sup>2</sup> Battery life varies by configuration, applications in use, utilized features and operating conditions.

Maximum battery capacity decreases with time and use. Xplore battery life estimates based on MobileMark® 2012 performance testing.

<sup>3</sup> Approximate charging time. Validated charging from 5% to 90% with system on or system off.

† CID2 certification is available as an optional configuration.

The Intel® Core™ vPro™ processor is designed to strengthen security across the enterprise.