PRODUCT SPECIFICATIONS

**PROCESSOR / CACHE**
- Intel® Core™ i7 vPro™ processor
  - 4610Y - 1.7 GHz to 2.9 GHz, 4M Cache, 2 cores (4 threads).
- Intel® Core™ i5 processor
  - 4210Y - 1.5 GHz to 1.9 GHz, 3M Cache, 2 cores (4 threads).

**OPERATING SYSTEM**
- Windows® 10 64-bit
- Windows® 8.1 Pro 64-bit
- Windows® 7 Professional 64-bit

**DURABILITY**
- MIL-STD-810G
- IP54 (Water, dust and splash resistant)
- Corning® Gorilla® Glass 3
- Magnesium alloy internal frame
- Rubberized enclosure

**CHIPSET**
- Intel QM87

**DISPLAY**
- 12.5" Wide Viewing Angle Display
- Full HD Resolution (1920 x 1080)
- Anti-Smudge + Anti-Reflective View Anywhere Display
- Capacitive 10-Point Touch
- Wacom Digital Pen Input
- Intel Display Power Saving Technology (DPST)

**GRAPHICS**
- Intel® HD Graphics 4200

**AUDIO CONTROLLER**
- Intel® High Definition Audio
- Realtek® HD Codec

**SYSTEM MEMORY**
- 4 GB or 8 GB DDR3L 1600 MHz SDRAM memory

**SYSTEM STORAGE**
- 64 GB SSD
- 128 GB SSD
- 256 GB SSD

**INTEGRATED COMMUNICATIONS**
- Intel® Dual Band Wireless-AC 7260 Wi-Fi plus Bluetooth® 4.0
- Optional Internal Wireless (1 expansion slot)
  - 4G LTE Mobile Broadband with GNSS (GPS + GLONASS)
  - Sierra Wireless EMT355 (North America)
  - Sierra Wireless EMT305 (Rest of World)
  - GPS Module with SBAS (WAAS, EGNOS and MSAS)
  - Navilas Technology GE-730 (u-blox 7)

**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 PORTS**
- Docking connector
- USB 3.0 port
- Optional Serial Port via SlateMate® Module
- 3mm Audio i/O jack
- HDMI port
- SD Card Slot
- Micro-SIM Card Slot

**EMBEDDED I/O**
- 8.0 Megapixel camera (rear-facing)
- 2.0 Megapixel camera (front-facing)
- 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) with Ambient Light Sensor

**SECURITY**
- Integrated Fingerprint Reader
- TCG Trusted Platform Module (TPM) 1.2
- Absolute® Computrace Complete (optional)
- WinMagic® SecureDoc™ (single-user license)

**DIMENSIONS**
- 328 mm x 205.74 mm x 17 mm

**WEIGHT**
- 1.34 kg

**BATTERY**
- Battery life over 9 hours
- Hot swappable Lithium Ion Standard battery with 43Whr capacity

**BATTERY CHARGE TIME**
- 2.5 hours (Tablet PC on/off)

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

**WARRANTY**
- 3 year standard coverage included
- Additional warranty options available

**STANDARDS**
- ACPI 5.0 compliant
- UEFI BIOS
SOFTWARE
- SnapWorks™ by Motion® Camera App
- RFID Sample Reader
- Barcode Reader
- Motion/Softex OmniPass Security Software (Windows 7)
- Motion Dashboard (Windows 7)
- Know Your Motion Tablet (Windows 8.1)
- Pen and Touch Enabled BIOS Setup
- Infineon Security Platform Tools
- Motion Tablet Center (Windows 8.1)
- Microsoft Office - Triel Version (Windows 8.1)

ENVIRONMENTAL
- MIL-STD-810G Certified
  (4' Drop, Altitude, -51ºC to 71ºC Storage Temperature,
  -10ºC to 55ºC Operating Temperature, Temperature Shock,
  Rain, Humidity, Sand and Dust, Vibration, Shock)

REGULATORY
- PRODUCT SAFETY
  - UL/CSA 60950-1, 2nd Ed.
  - AS/NZS 60950-1, 2nd Ed.
  - LVD Directive 2006/95/EC
  - NOM 019

- SAR
  - FCC OET 65 Supplement C
  - CAN/CSA ICES -003, Class B
  - ESTA ENS0392

- ENVIRONMENTAL
  - California Proposition 65
  - RoHS 2 Directive 2011/65/EU
  - WEEE Directive 2002/96/EC
  - Battery Waste Directive 2006/66/EC
  - ENS0564:2011 (Energy Consumption)
  - NMX -1-122-NYCE-2006 (Mexico Energy Consumption)

- EMC
  - FCC Part 15 B, Class B
  - FCC Part 15 C (2.4 GHz)
  - FCC Part 15 E (5 GHz)
  - FCC Part 22 H (1xRTT/EVDO/CDMA)
  - FCC Part 24 E (1xRTT/EVDO/CDMA)
  - FCC Part 27 (Wireless Communication Service)
  - CAN/CSA ICES -003, Class B
  - CAN/CSA RSS-210 Issue 7
  - CAN/CSA RSS-132 (1xRTT/EVDO/CDMA)
  - CAN/CSA RSS-133 (1xRTT/EVDO/CDMA)
  - ENS5002 (CISPR 24), Class B

- OTHER
  - Technical Instructions for Safe Transport of Dangerous Substances
  - ICAO Doc# 9284
  - Emergency Response Guidance for Aircraft incidents involving
    Dangerous Goods ICAO Doc#9481

1 Available through downgrade rights from Windows 8.1 Pro
2 Weight represents approximate system weight measured with a 40WHr battery. Actual system weight
may vary depending on component and manufacturing variability.
3 Motion battery life estimates based on MobileMark 2007 performance testing on Intel Core i5
processors. Battery performance will vary by system configuration. Battery life and recharge estimates
will vary based on system settings, applications, optional features, environmental conditions, battery
conditioning and user preferences.
4 Approximate charging time. Validated charging from 5% to 90% with system on or system off.

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