

Motion F5v Semi Rugged Tablet

At only 3.3 lbs., the Motion® F5v makes it easy to take technology into the field to streamline processes and increase productivity. Now with Intel® Core™ vPro™ technology, the F5v offers new levels of power, security and manageability. With up to 50% improvement in performance, a nearly 30% increase in battery life, hot-swap battery feature and enhanced remote management capabilities, mobile workers are equipped with the ideal mobile computing device for virtually any environment.



For organizations that don't require the advanced system management capabilities and enhanced security available in the Intel® Core™ i5 and i7 vPro™ processors, Motion is now offering the Intel® Core™ i3 processor for a lower entry price point.

The rugged and portable Motion F5v helps make the most out of every site visit. Capture digital signatures in real time, and access forms and files anywhere with integrated Gobi™ 2000 or WiFi connectivity. Even track high-value assets, manage inventory and improve documentation with the optional RFID reader, digital camera, web camera and barcode scanner.

The Motion F5v comes standard with Gorilla® Glass, offering up to four times the strength in breakage resistance, perfect for real-world mobile work environments. Add 180-degree viewing angles, Hydis AFFS+ LED backlit display and View Anywhere® technology for reduced reflectance and glare and you get the best tablet PC viewing experience available for outdoor use. Improved battery life over typical displays and an extremely damage-resistant surface make the Motion F5v tough enough to withstand your work environment and powerful enough to get the job done..

Key Features

Thin and light, approximately 3 lbs.

Rugged, sealed, field-ready design with convenient, integrated handle.

Tested for real-world, field-ready conditions (MIL-STD-810G rated)

Now with Gorilla® Glass for increased display damage resistance

Sealed design is easily cleaned and disinfected with standard cleansers (IP54 rated for moisture and dust)

Rugged design with integrated handle withstands bumps and drops

Industry-Leading Anti-Theft Security Technology Suite

The F5v has been awarded the ENERGY STAR

Hot-swap battery feature keeps you powered and mobile

Wi-Fi, Bluetooth® wireless connectivity

Integrated digital camera, web camera, RFID reader and optional barcode scanner

New bright AFFS+ LED Backlight Display Technology

Security features and optional smart card reader

Natural pen/speech input



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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F5v Specifications



FUNCTIONAL

Processor

3 Options:

Intel® Core™ i7 vPro™ Processor 1.46 GHz with Intel® Smart Cache (4MB of L3 cache, 2 Cores/4 Threads)

Intel® Core™ i5 vPro™ Processor 1.33 GHz with Intel® Smart Cache (3MB of L3 cache, 2 Cores/4 Threads)

Intel® Core™ i3 Processor 1.33 GHz with Intel® Smart Cache (3MB of L3 cache, 2 Cores/4 Threads)

Intel® QM57

Chipset

Memory

1GB DDR3 800MHz SDRAM memory (Upgradeable to maximum 4GB at point of purchase)

Storage

1.8" SATA Hard Disk Drive (HDD) with 160GB capacity

Optional Solid State Drive (SSD) with various capacities up to 128GB based on configuration AHCI

Display

10.4" XGA TFT AFFS+ LED Backlight (1024 x 768) with durable Gorilla™ glass (standard)

Optional View Anywhere® with durable Gorilla™ glass

Intel Display Power Saving Technology (DPST)

Graphics

Intel® HD Graphics with dynamic frequency Rotation: 0°, 90°, 270°

Video RAM Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT)

Audio

Audio Controller Intel® High Definition Audio

Motion Speak Anywhere® noise cancellation technology

Multi-directional array microphone design with 2 microphones

Integrated speaker

I/O Ports

Docking connector

USB 2.0 port with rubberized cover

Embedded I/O

Optional 3.0 Megapixel camera (rear-facing)

Optional 1.3 Megapixel front-facing web camera

Optional 1D/2D Barcode Reader

Optional 13.56MHz RFID reader

Integrated Communications

Wi-Fi® 802.11 a/b/g/n

Optional Integrated Mobile Broadband (Gobi™ 2000) with GPS capabilities

Integrated Bluetooth® 2.1+EDR Module

Security

Integrated Fingerprint Reader with OmniPass software

TCG Trusted Platform Module (TPM) 1.2

Smart card reader (optional); ISO 7816 PC/SC, EMV2 2000 Level 1

Computrace® Complete (optional)

Microsoft® Windows 7™ Professional

Operating System

ENVIRONMENTAL (MIL-STD-810G/IP54)

Temperature

Operation: +5°C to +40°C (41°F to 104°F)

0°C to +40°C (32°F to 104°F) when configured with SSD storage

Storage: -20°C to +60°C (-4°F to 140°F)

Water/Dust

Sealed against water and dust intrusion (IP54)

Humidity

Operating humidity: 8% to 80% without condensation

Storage humidity: 8% to 90% without condensation

Altitude

Operation: Sea level 0 to 10K ft. sea level to 15K ft. when configured with SSD storage

Storage: Sea level 0 to 15K ft.

Durability

Meets MIL-STD-810G, Shock-mounted display and hard drive, Durable Gorilla™ glass, Rubberized for shock dampening, Magnesium-alloy internal frame, Moulded handle to prevent drops

PHYSICAL

Dimensions

256mm x 256mm x 24.3mm (10.0" x 10.0" x .95")

Weight

1.50 kg (3.3 lbs.)

ELECTRICAL

AC Input

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

Battery

Battery life greater than 4 hours

Hot swappable Lithium Ion standard battery with 40Whr capacity

Battery Charging Time Standard Battery - 1.5 hours (Tablet PC on/off)

OPTIONS

Integrated Options

Optional 3.0 Megapixel camera (rear-facing)

Optional 1.3 Megapixel front-facing web camera

Optional 1D/2D Barcode Reader

Optional 13.56MHz RFID reader

Smart card reader (optional); ISO 7816 PC/SC, EMV2 2000 Level 1

Computrace® Complete (optional)

Optional View Anywhere® with durable Gorilla™ glass

Optional Integrated Mobile Broadband (Gobi™ 2000) with GPS capabilities

Optional Solid State Drive (SSD) with various capacities up to 128GB based on configuration

Information in this document is subject to change without notice.



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