



8.4" Rugged Electronic Flight Bag

The company that listens to the warfighter and delivers.



The **8.4" Electronic Flight Bag (EFB)** is a versatile, state-of-the-art rugged tablet PC with electronic flight bag capabilities. The **8.4" EFB** features a low-power, high performance 1.6Ghz Intel® Atom™ processor that is designed to reduce system temperature and power consumption without compromising performance.

The processor is complimented by up to 2GB DDR2 RAM to run demanding software and moving map applications. Maximum application compatibility is achieved by using a standard Windows® XP operating system. LINUX is also available for users who need an open software architecture.

A key advantage to the **8.4" EFB** is the wide array offered in its compact form factor. Wireless internet, 3G wireless, a card scanner, and a built-in web camera are available in addition to the USB 2.0, Ethernet, audio, PCMCIA expansion, and video out connections that are standard features on **8.4" EFB**.

Additional expansion modules can be added through an embedded mini-PCIe slot and a external docking connector located on the bottom of the unit.

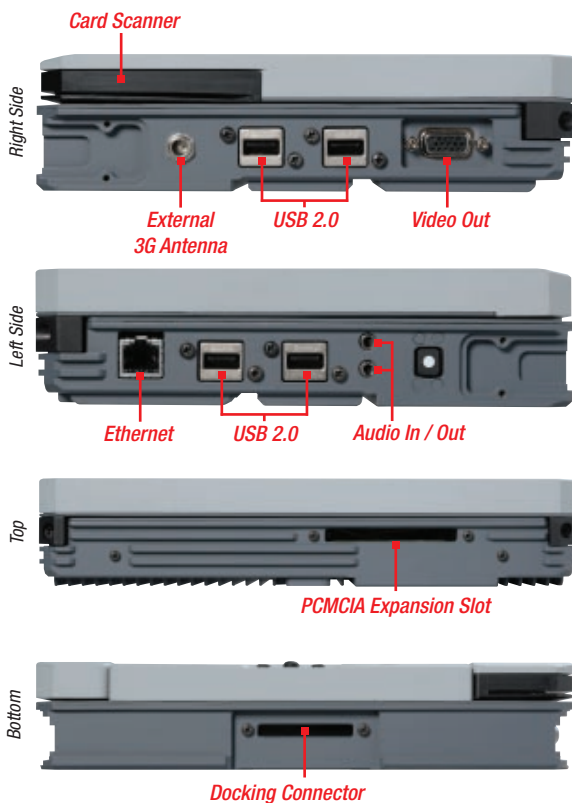
The **8.4" EFB** was designed to be used in environments where screen readability is compromised by ambient light. To combat this, the 8.4" LCD display features a LED backlight with increased sunlight readability. This 600 nit display also functions as a touch screen to allow users easy interaction with the operating system.

Programmable buttons and a mouse joystick are located below the display, for added user input options. Users can program these buttons to execute frequently-used applications. On the right hand side of the screen are brightness, rotation, power, and AV mute buttons.

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Users can easily access frequently-used applications through the programmable control buttons along the bottom and side of the display



The 8.4" EFB provides a wide array of connectivity, including USB 2.0, Ethernet, audio in/out, without sacrificing size or functionality

Specifications

FEATURES

Mechanical	Alluminum Alloy, Gray
Dimensions	7.62" x 9.7" x 1.9"
Weight	Less than 6 lbs
CPU	1.6 GHz Intel® Atom™ with HyperThreading
Memory	Up to 2GB DDR2 SO-DIMM 400/533 Mhz
Storage	Up to 64 GB Solid State Drive
Display	8.4" AMLCD LED backlight; 800 x 600 (SVGA); 600 nits; 16 million colors; Sunlight readable, Resistive Touchscreen
Graphics	Integrated Intel® Graphics GMA 500, 256MB
OS	Windows® XP, Embedded, Professional, LINUX
System I/O	USB 2.0, Ethernet, Video Out, Audio In/Out, PCMCIA Expansion Slot, External Docking Connector, Resistive Touchscreen, Programmable Control Buttons and Mouse Joystick
Options	3G Wireless Card, WiFi, Card Scanner, Built-in Web Camera, Embedded Mini-PCIe expansion, GPS
Voltage	+28V

ENVIRONMENTAL

Temperature	-20°C to +50°C (operating) -40 to + 71°C (non-operating)
Altitude	40,000 feet
Vibration	2 GRMS 20-500Hz, 3 axes
Shock	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
Humidity	95% (non-condensing)
EMI (Optional)	MIL-STD-461F (tailored)

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1740 E. Wilshire Avenue,
Santa Ana, CA 92705
Phone: +1 714-547-1174
Fax: +1 714-547-1343
sales@securecomm.com
www.securecomm.com