

Air Warrior EDM Tablet PC

The company that listens to the warfighter and delivers.



The **Air Warrior EDM Tablet PC** kneeboard computer system is a rugged, lightweight, portable workstation that provides the high performance Windows® XP Professional Operating System in a configuration optimized for rugged wearable, kneeboard requirements. The **EDM Tablet PC** was called into action on many US Army helicopters to provide blue force tracking and moving map applications. It features weights and measures software and can be used as an Electronic Flight Bag. To date, over four thousand **EDMs** have been delivered to the Army and continue to serve in the field.

The **Air Warrior EDM Tablet PC** is powered by the state-of-the-art VIA Eden 1 GHz ULV processor with power management technology. The CPU runs at 1GHz and supports up to 1 GB of on board DDR2 RAM, while operating at extremely low power. An optional 1.6 GHz Intel® Atom™ processor is also available. The Intel® Atom™ processor offers increased performance with reduced heat and power requirements.

The system features the VIA Graphics UniChrome™ Pro IGP graphics core that supports both 2D and 3D graphics. A 6.4" diagonal LCD features a LED backlight and integrated touch panel offering a power-saving, high performance display and precise human interface. This transfective display is 640 x 480 pixels with 262K colors, is daylight readable and dimmable to less than 1.5 nits for night vision compatibility.

The **Air Warrior EDM Tablet PC** features an internal solid state disk drive with up to 64 GB of storage capacity. The system also features our proprietary Secure Drive Encryption hardware encryption that encrypts files in real-time for unparalleled data security. The unit can be zeroized at the press of a button even when the battery has been depleted. The system uses the latest solid state drives that reduce power consumption and maximize drive read/write performance. The basic unit provides external USB 2.0 connections, while power and Ethernet connections are provided via the mil circular connector.

The **Air Warrior EDM Tablet PC** is constructed using a two-piece aluminum alloy chassis for heightened rigidity. The optional tri-fold and straps complete the kneeboard configuration. The unit is designed to meet the most rugged environmental requirements of Army helicopter airborne scenarios and is ideal for any extreme kneeboard computer applications.

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Air Warrior EDM: Tri-Fold Attachment closed



Air Warrior EDM: Kneeboard straps shown

Specifications

FEATURES

Mechanical	Olive Drab, Aluminum Alloy case
Weight	Less than 2.4 lbs.
Dimensions	5" X 9" X 2" without attachment trifold
Display	6.4" AMLCD 640 x 480, 262K colors 450 nits Transflective, Sunlight readable to less than 1.5 nits for NVG compatibility
CPU	1GHz VIA Eden ULV with power and thermal management; 1.6GHz Intel® Atom™ Processor (Optional)
Memory	Up to 1GB DDR2 (Up to 2GB DDR2- Intel® Atom™ only) Video: Up to 126MB (shared)- Intel® Atom™ only
Storage	Up to 64GB Solid State Drive, 192bit Triple DES Encryption of all data, Ability to instantly "Zeroize"
Power	+15VDC input power
System I/O	USB 2.0, 10/100 Base-T Ethernet, VGA output
OS	Microsoft® Windows™ XP Professional, Windows® 7
User Features	Resistive Touch Screen, Software keyboard
Attachment Tri-fold	Dual 1.5" wide leg straps, Leather Pockets/Pouches, Clipboard

ENVIRONMENTAL

Temperature	-20°C to + 60°C (operating) -40°C to +70°C (non-operating)
Humidity	95% non-condensing
Altitude	40,000 ft (operating)
Shock	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
Vibration	2 GRMS 20-500Hz, 3 axes
Dust & Sand	With tri-fold closed and screen protected
EMI	MIL-STD-461F (tailored)

For more information on our rugged products, please visit:

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Rugged Portable Systems

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