



# Air Warrior EDM Tablet PC



The **Air Warrior EDM Tablet PC (EDM)** kneeboard computer system is a rugged, lightweight, portable workstation that provides the high performance Windows® 7 or 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 five thousand EDMs have been delivered to the Army and continue to serve in the field.

The EDM is powered by a 1.6 GHz Intel® Atom™ processor and 2GB of RAM for increased performance with reduced heat and power requirements.

A 6.4" LCD with a LED backlight and integrated resistive touchscreen offer a crisp display and use of the touchscreen with a gloved hand. This transreflective display is 640 x 480 pixels and is daylight readable and dimmable to less than 1.5 nits for night vision compatibility.

The EDM has a 64GB Solid State Drive (SSD) that features a proprietary encryption chip to 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, making the data inaccessible. The unit also has a commercial USB 2.0 connector, while power and Ethernet connections are provided via the rugged mil circular connector.

The EDM 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.



# SPECIFICATIONS



Brightness controls and directional buttons allow the user to make quick inputs without looking away from his/her task.



The Ethernet and input power connector is located on the bottom of the unit.



The EDM can be comfortably attached to a pilot's thigh using the straps on the back of the unit.

## FEATURES

<b>CPU</b>	Intel Atom 1.6 Ghz Processor
<b>Memory</b>	2GB DDR2 (126 MB Shared video RAM)
<b>Storage</b>	Up to 64GB SSD
<b>Encryption</b>	256-bit AES Encryption with ability to instantly zeroize
<b>OS Support</b>	Windows XP, 7 and Linux
<b>Input Power</b>	+15 VDC
<b>Display</b>	6.4" AMLCD with LED Backlight 640 x 480 resolution 450 nits, sunlight readable and dimmable to 1.5 nits for NVG compatibility Resistive Touchscreen
<b>System I/O</b>	USB 2.0, Ethernet
<b>Attachment Tri-Fold</b>	Dual 1.5" wide leg straps, leather pockets/pouches, clipboard

## PHYSICAL CHARACTERISTICS

<b>Size</b>	5" x 9" x 2" (without attachment tri-fold)
<b>Weight</b>	Less than 2.4 lbs
<b>Material / Color</b>	Aluminum Alloy / Olive Drab

## ENVIRONMENTAL CONDITIONS

<b>Operating Temp</b>	-20°C to +60°C
<b>Storage Temp</b>	-40°C to +70°C
<b>Vibration</b>	2 GRMS 20-500Hz, 3 axes
<b>Altitude</b>	40,000 ft (operating)
<b>Humidity</b>	95% non-condensing
<b>Shock</b>	15G 11ms, ½ sine wave, 3 axes (operating); 30G 6ms, ½ sine wave, 3 axes (non-operating)
<b>Dust / Sand</b>	With tri-fold closed and screen protected
<b>EMI</b>	MIL-STD-461E