

# Orion Tablet PC



The company that listens to the warfighter and delivers.



The **Orion Tablet PC** is a rugged lightweight portable workstation that provides the high performance Windows XP Operating System in a configuration optimized for wearable, handheld or vehicle mounted requirements.

The **Orion Tablet PC** is powered by the state-of-the-art VIA Eden ULV processor. The CPU runs at 1 GHz and supports up to 1 GB of on board RAM, while operating at extremely low power. The unit features a fast video processor with up to 128MB of shared system memory. A 6.4" diagonal LCD with integrated touch panel provides the system human interface. The display is 640 x 480 pixels with up to 262K colors, is sunlight readable, and dimmable to less than 1.5 nits for night vision compatibility.

The **Orion Tablet PC** is equipped with up to 64GB Solid State Drive. The system also provides our proprietary hardware encryption and can be zeroized in less than 30msec.

The **Orion Tablet PC** is provided with two miniature rugged circular I/O connectors that supply input power, Ethernet connectivity and two USB ports. The unit also comes equipped with an internal battery, and charger, capable of operating the system for nominally 30 minutes (when fully charged).

The **Orion Tablet PC** is constructed using a two-piece lightweight magnesium alloy chassis. Also, the system comes equipped with a tethered stylus. The unit is designed to meet the harsh environmental requirements and to operate reliability in tactical field applications.

# Orion Tablet PC

## Specifications

### FEATURES

<b>Mechanical</b>	Olive Drab, Magnesium Alloy case
<b>Weight</b>	Less than 2.2lbs.
<b>Dimensions</b>	5.55" X 8.27" X 1.70"
<b>Display</b>	6.4" AMLCD 640x480, 262K colors, 450 nits Transflective Sunlight readable to less than 1.5 nits for NVG compatibility
<b>CPU</b>	1GHz VIA Eden ULV with power and thermal management
<b>Memory</b>	Up to 1GB DDR2, Video: 32 - 128MB (shared)
<b>Storage</b>	Up to 64GB SSD, 192bit Triple DES Encryption of all data, Ability to instantly "Zeroize"
<b>Power</b>	+15VDC input power
<b>System I/O</b>	USB 2.0 x 2, 10/100 Base-T Ethernet
<b>OS</b>	Microsoft® Windows™ XP Professional
<b>User Features</b>	Resistive Touch Screen Software keyboard Control Buttons Tethered stylus

### ENVIRONMENTAL

<b>Temperature</b>	-10°C to + 55°C (operating) -40°C to +71°C (non-operating)
<b>Humidity</b>	95% non-condensing
<b>Altitude</b>	40,000 ft (operating)
<b>Shock</b>	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
<b>Vibration</b>	2 GRMS 20-500Hz, 3 axes
<b>Dust</b>	With screen protected
<b>Immersion</b>	3ft for 30 minutes
<b>Test</b>	



Orion Tablet PC: Right Side



Orion Tablet PC: Top, view of stylus holder

For more information on our rugged products, please visit:

[www.securecomm.com](http://www.securecomm.com)

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 **Secure**  
Rugged Portable Systems

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