

Pyxis Raven II Tablet PC



The company that listens to the warfighter and delivers.



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

The **Pyxis Tablet PC** is powered by a Transmeta Crusoe processor. The CPU runs at 800MHz and supports up to 640MB of on board RAM, while operating at extremely low power. The unit features a very fast video processor with 8MB of video RAM separate from system memory. A 6.4" diagonal LCD with integrated touch screen 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 **Pyxis Tablet PC** can be configured with rugged, high-performance Solid State Drives up to 64GB. Rugged, low-power Hard Disk Drives up to 30GB can also be configured into the **Pyxis Tablet PC**.

The **Pyxis Tablet PC** is constructed using a two-piece lightweight aluminum alloy chassis. The system is also fitted with a tethered stylus that can be clipped to the workstation when not in use. The workstation can be fitted with optional rubber bumpers to protect the system from damage. The workstation is also designed to satisfy the environmental requirements necessary to operate reliably in severe tactical field and flight line applications.

The **Pyxis Tablet PC** can be configured with the following options:

- » Internal GPS
- » PCMCIA Type III or 2x Type II
- » Configurable I/O panel
- » 28 VDC Input
- » Internal battery
- » Bumpers and carrying strap

Pyxis Tablet PC

Specifications

FEATURES

Mechanical	Olive Drab or Sand, Alluminum Alloy case
Weight	Less than 3.0 lbs.
Dimensions	5" X 8" X 2" without Bumpers
Display	6.4" AMLCD 640x480, 262K colors 450 nits Transflective, Sunlight readable to less than 1.5 nits for NVG compatibility
CPU	800MHz Transmeta Crusoe
Memory	640MB SDRAM, 8MB Video RAM
Storage	Up to 30GB HDD / 64GB SSD, 192bit Triple DES Encryption of all data, Ability to instantly "Zeroize"
Power	+15VDC input power
OS	Microsoft® Windows™ XP Professional, LINUX (optional)
Battery	Up to 4 hours Hold-up Battery, Integrated battery charger
User Features	Resistive Touch Screen, Software keyboard, Control Buttons
Options	Internal GPS module, PCMCIA Type III or 2x Type II, Configurable I/O panel, 28VDC Input, Internal battery, Bumpers and carrying strap

ENVIRONMENTAL

Temperature	-10°C to + 49°C (operating) -40°C to +49°C (operating with heaters) -40°C to +71°C (non-operating)
Humidity	5 x 48 hour cycles
Altitude	9,800 ft (operating) 49,000 ft (non-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 screen protected



Pyxis: On its side



Pyxis: Bottom, ports exposed

For more information on our rugged products, please visit:

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 **Secure**
Rugged Portable Systems

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