

Pictor 10.4" Tablet PC

The company that listens to the warfighter and delivers.



The **Pictor 10.4" Tablet PC** is a Class 1 rugged, lightweight, portable computer that offers the performance of a standalone desktop computer in a Tablet PC form factor. Its durability, high quality screen and compact design make the Pictor ideal for many vehicle-mounted applications.

For example, the **Pictor 10.4" Tablet PC** has been used on many commercial airlines for storing and viewing approach plates and safety information. It has been used as a paper-less alternative to carrying a pilot's aircraft operating manual, aircrew operating manual, and navigational charts. It is also designed to mount in troop transports or rugged all terrain vehicles.

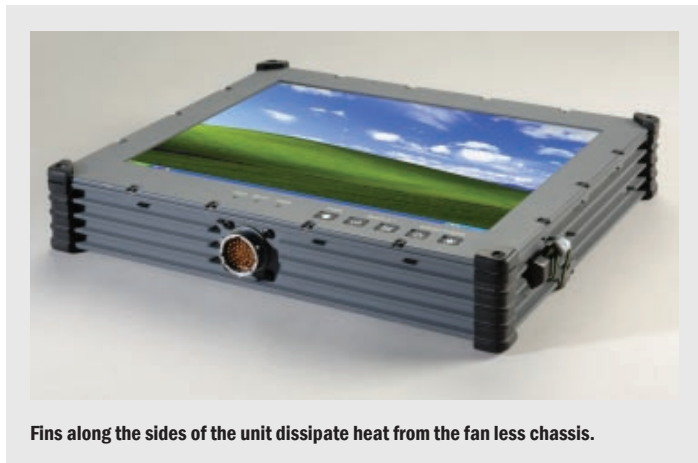
The state-of-the-art ultra low voltage Intel® Atom™ processor powers the **Pictor 10.4" Tablet PC**. The CPU runs at 1.6GHz and supports up to 2GB DDR SDRAM, while operating on extremely low power. The system features a very fast video processor with up to 128MB of frame buffer via shared system memory. A 10.4" diagonal LCD with integrated touch panel provides the system human interface. The display has a resolution of 1024 x 768 pixels with up to 262K colors and is sunlight readable and dimmable to less than 1 nit for night vision compatibility.

The **Pictor 10.4" Tablet PC** can be configured with a Sealed Hard Disk Drive up to 80GB or a Solid State Drive up to 64GB. Hardware encryption, Secure Drive Encryption, is available so that all disk content can be zeroized in less than 30 msec. The system I/O provides Power, USB Ethernet and Serial interfaces via a 37-pin Mil Circular connector. The **Pictor** also incorporates two PCMCIA Type II interfaces and two user accessible USB 2.0 ports. An internal GPS is optional.

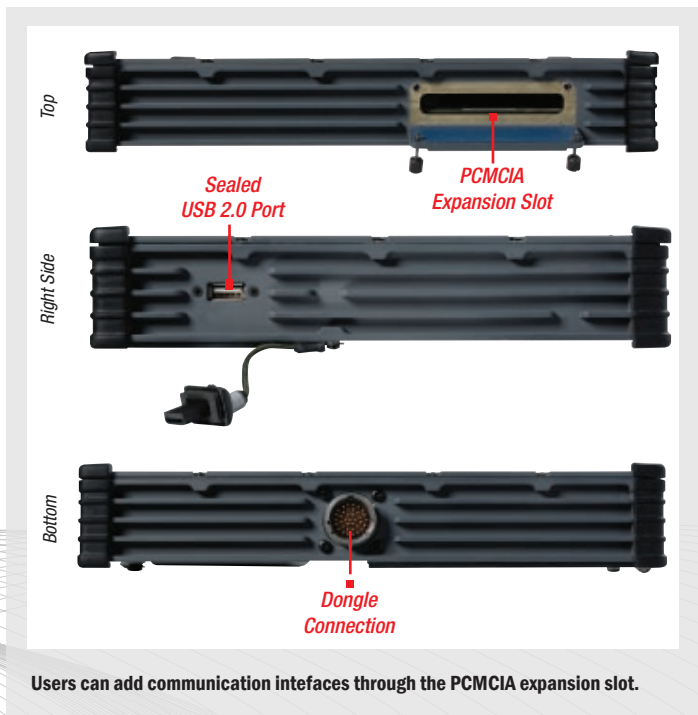
The **Pictor 10.4" Tablet PC** is constructed using a two-piece aluminum alloy chassis. Optional rubber bumpers provide additional protection to the system. The system is designed to meet the environmental requirements of MIL-STD-810F.

Pictor 10.4" Tablet PC

Specifications



Fins along the sides of the unit dissipate heat from the fan less chassis.



Users can add communication interfaces through the PCMCIA expansion slot.

FEATURES

Mechanical	Light Navy, Aluminum Alloy case
Weight	Less than 5.4 lbs with battery
Dimensions	8" x 10" x 1.6"
Display	10.4" AMLCD 1024x768, 262K colors 450 nits Transflective touchscreen display, sunlight readable to less than 1.5 nits, NVG compatible
CPU	1.6GHz Intel® Atom™ processor with thermal management
Memory	Up to 2GB DDR, Video: Up to 128MB (shared)
Storage	Up to 80GB (Sealed HDD) / Up to 64GB (SSD), 192bit Triple DES Encryption of all data, Ability to instantly "Zeroize"
Power	+28 VDC, DO-160 (optional), MIL-STD-704 (optional)
System I/O	USB 2.0, 10/100 Base-T Ethernet, VGA output
OS	Microsoft Windows XP Professional, Windows XP Tablet (optional) LINUX (optional)
User Features	Resistive Touch Screen, Software keyboard
Video	Integrated graphics with shared memory
Expansion	PCMCIA: Two Type II, ARINC 429 (optional)
Battery	Lithium Ion 2000 mAh and on board smart charger
Optional Dongle	Ethernet, USB, Serial x 2, Interface from internal PCMCIA module (optional), Power AC or external Battery or +28VDC
Options	Wireless Ird, GPS module

ENVIRONMENTAL

Temperature	-10°C to + 50°C (operating) -30°C to +65°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 screen protected
EMI	MIL-STD-461F (tailored)

For more information on our rugged products, please visit:

www.securecomm.com

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 **Secure**
Rugged Portable Systems

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