

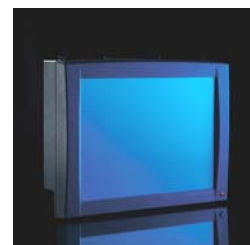


12" Display / Embedded Computer

- Designed for aircraft installation.
- Environmentally qualified in accordance with RTCA/DO-160D.
- Mounting brackets available for installations in flight deck or cabin operator consoles.
- Optional configurations available of processor, memory, OS and ports.
- Prepared for interfacing with transponder, GPS or other sensors. Suitable for moving map or other applications.

Technical Specifications:

Processor:	800 MHz Transmeta Crusoe TM5800, 512 KB cache
RAM:	SDRAM 256MB (standard)
Display:	Poly-Silicon TFT 8.4" diagonal , 256K colors, 120 degree viewing angle, 0-100% dimmable
Resolution:	SVGA (800x600 Resolution)
Luminance:	320NITS, "Daylight Viewable"
User Interface:	Resistive 8-wire Touch Screen, Semtech Screencoder UR7HCTS2-S840 10 External Control buttons
Graphics:	Silicon Motion SMI 712 LynxEM4+, 4MB
Storage:	One Compact Flash type I and One Compact Flash type II
Interfaces:	USB 1.1A, Docking connector, 26 pin HD DSUB (Power, USB, FireWire, VGA, Audio line in, out and Microphone) PS/2 Mouse/Keyboard, Access to battery (3300mAh, 11.1V Hot Swappable), PCMCIA: 1 Type-II; Power Input, CRT Output, PS/2 Mouse, PS/2 Keyboard, USB 1.1
Power Supply:	Charger Supply: 65W External Power 18.5V, 3.5A Voltage regulator required for vehicles. Battery: 4 hour full operation, 5 hour with power saving feature Hot swap replaceable Lithium-ion Duracell DR-201 10,8V 4500mAh Quick replaceable, if battery is disconnected the unit will hibernate 2 min. Internal 7,4 680mAh (5Wh)
Operating System:	Windows XP Professional, Windows XP Embedded
Environment:	Non-operating: -30°C to 70°C, Operating: 5°C to 50°C Operating with less battery performance: -10°C to 50°C Operating and charging: -10°C to 50°C Non-operating and charging: 5°C to 45°C
Physical:	9.85" (w) x 7.0" (h) x 1.53" (d) (250mm x 180mm x 39mm), Weight: 3.75lbs
Reg. Approvals:	Sealing: Water & Dust proof, IP-65 MIL-STD-810F 3 ft on to concrete, 26 directions For RTCA DO-160D qual. levels please contact Avionetics.



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