

specifications

Processor

INTEL™ 400 MHz PXA 255 X-Scale

Memory

64MByte SDRAM
32MByte Flash

Operating System

Windows CE 4.2 operating system.

Net Platform Display

480 x 320 pixels VGA graphics compatible. Black on white LCD with low power high intensity backlighting. Display contrast and backlight intensity variable through application software.

Touch Panel

Full screen resistive analogue panel. Scratch resistant touch surface with anti-reflective coating.

Connectivity

1 RS-232 Serial Port (speed up to 115 Kbps) through Fischer Port.
1 TouchPC Cradle optical interface (speed 38.4 Kbps).
2 PC Card Type II interfaces (or 1 PC Card Type III).
Secure Digital Interface Card Slot (internal).
1 Expansion Cartridge Port and custom interface, supports all.

Sound

Controlled by application software.

Power

4400mAh Lithium Ion Battery.

Backup Battery

500mAh Lithium Ion battery.

Durability

Impact resistant, flame retardant, UV stabilised polycarbonate case sealed to IP54.

Operating Temperature

-10°C to +50°C (+14°F to +122°F)

Dimensions

213mm x 115mm x 52mm

Weight

With Battery 874g

Development Board

Serial Debug Port, 10 Mbit Ethernet with Indicators, USB host interface, Headphone/Microphone Jacks, 2 LED status Indicators.

Standards CE Emissions

EN55022: 1998 Class B Limit (Europe).

CE Immunity

EN55024: 1998 Amendment A1: 2001 Annex B (Europe)
FCC CFR 47 Part 15 March 2003 (United States).

EMC testing

AS3548 (Australia).

Emissions

RTCA/DO160D Limit M (for on-board aircraft usage) (Global).

Compass Safe Distance

RTCA 160D Section 15.3 & Class Z BS3G100 Pt 2.2.4* (for on-board aircraft usage) (Global).

CE Explosive Atmospheres

EN50021: 1999 CE Ex II 3 G EEx nL IIC T4 (Europe).