

### Specification

Panel type and size	TFT active matrix LCD, 8.4" diagonal
Display area width x height	170.4mm (W) x 127.8mm (H)
Pixel arrangement	RGB vertical stripe
Maximum number of pixels	800 x 600
Luminance	400cd/m2 typ.
Contrast	500 : 1 typical
Viewing angle	Horizontal. Left 80°, Right 80°, Vertical Up 80°, Down 60° typ.
Response time	25ms Ton + Toff
Backlight	CCFL x 1
Display colour	16.2m colours
Input signal	LVDS
Display resolution	800 x 600 (SVGA)
Video inputs/Outputs	VGA input Via 38999 connector
PC Atom	1.6Ghz, Z530/1.1Ghz, Z510, Memory 1Gig SDRAM 400/533Mhz 16Gig via SDIO micro SD Gigabit Ethernet; Serial RS232 USB x 3 4 wire Resistive Touch Sensor Windows XP, embedded XP, Linux

### Controls

Power supply	Front mounted
Communication	12Vdc nominal via 38999 connector RS232 via 9 Way D connector

### Environmental

Operational Std	DEF STAN 00-35 0° to 40°C
Storage	DEF STAN 00-35 -40 to +60°C
Humidity operating	95 % +45°C
Shock & vibration	DEF STAN 00-35
EMI/EMC	DEF STAN 59-411
MTBF	20,000 hours

### Mechanical

Construction	Machined metal case Rear Mounting VESA and side mounting.
Controls front mounted	Brightness
Finish	Alacrom Plated and painted Black
Display protection	EMC Meshed Anti reflective vandal proof front window and Resistive Touch-Screen
Enclosure	Cased
Weight	3 Kilos
Fixtures	Stainless steel
Size	220mm wide x 170mm high x 55mm

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### PC Other

Touch-screen, serial SATA, PCI Express, Serial SATA support, Operational Flash ATA 4Gig, -25C to +80C operating