Protégé 8lt

Affordable Professional in-wall XPe touchscreen

Affordable elegance in a compact, low-heat, high-performance smartscreen controller running the flexible Windows XPe. The Protégé 8lt offers PoE-capable fast processor, flush-mount controller with stock or customizable acrylic bezel. Protégé is ideal for any web or Win-based application where an in-wall location and touch access is essential. The robust solid state smartscreens enable unwavering stability and performance. Make Protégé the backbone of your installations today!

Protégé 8lt (geode) Features:
• Embedded Geode LX-800 low-heat, fanless processor
• 8.4" High Bright **LED backlit** TFT LCD
      800x600 resolution (SVGA) 50,000 hr lamp
      Total power consumption is 2.745W
• Touch Panel: 4-wire resistive type
• ACPI 1.0 power saving compliant
• MPEG2 hardware accelerator integrated
• Gigabit Ethernet Controller
• Screen saver configuration tool
• Ports 1 x LAN, **2 x RS232**, 2 x USB2.0, 1 x PS/2,
• Power Supply: +12V DC input.
• Steel back box included
• Auto Power-On feature – **PoE ready** using 802.3af
      Injector/splitter or PoE router/splitter

Standard XPe image:
- 1GB DOM / 512MB RAM
- 4 wire Resistive touch
- .Net 1.1, 2.0, 3.0, 3.5
- Internet Explorer 7.0
- Button Monitor 4.01
- Flash plugin 10.2
- Javascript plugin 1.3
- JVM SE
- Media Player 11
- User Management
- Screen Saver
- Windows Explorer
- QC Hardware test tool
- Remote Access

Protégé 8lt Ports:

VGA out   Screw-type DC power 2-Serial PS2 2-USB Gigabit Ethernet

System

Processor	Geode LX-800 500Mhz low heat, high performance processor
Graphics	Built-in Geode LX processor high performance 2D graphics controller
RAM Memory	DDR 400Mhz 512MB SO-DIMM upgradeable to 1GB
DIMM Slots	1 (max. 1Gigabyte)
USB	2 x USB 2.0
Audio	Realtek ALC203
LAN	Realtek RTL8110S-32 Gigabit Ethernet controller
IDE	Onboard 1 x 44-pin IDE connectors
GPIO	1 x Digital I/O 4GPI/4GPO
Com Port	2 x COM ports; COM1/COM2

Display and Touch Screen

Panel	8.4" SVGA TFT LCD
Backlight	White LED, 50,000 hours lifetime
Resolution	800 x 600
Brightness	250 cd/M^2
Contrast	500:1
Chipset	AMD Geode CS5536
Memory	Shared system memory up to 64MB
Touch Screen	Resistive 4-wire

Storage

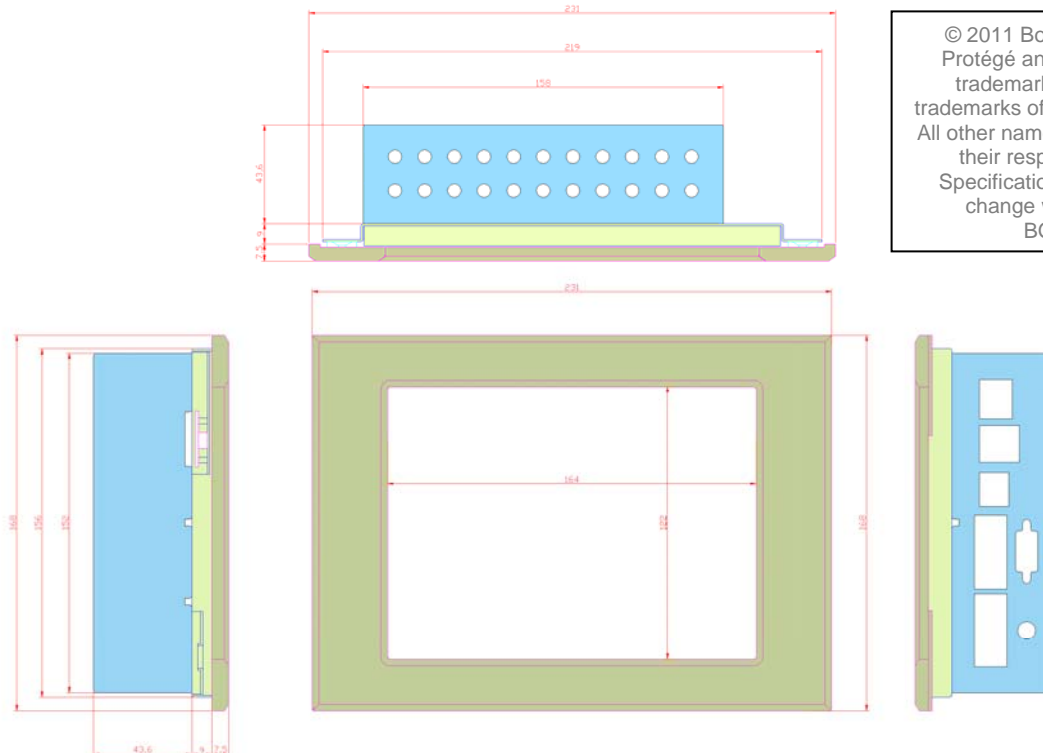|	
Solid State Memory	Industrial extended temperature 1GB DOM – expandable to 4GB
Memory Card	Industrial extended temperature Compact Flash Type II – expandable to 4GB

External Input/output

USB	2 x USB 2.0
COM	COM: DB-9 x 2 (3 pin headers; COM1/COM2)
LAN	1 x RJ-45 1 GB Ethernet (with indicators)
Keyboard/Mouse	Via USB or PS2
Video	VGA

Audio

GPIO	4GPI/4GPO
Memory Card	1 x Compact Flash card slot
Power	+12VDC
Reset	1 x Power On/Off button under bezel

Mechanical and Environmental

Power Input	AC 100V/240V, external power supply unit – or PoE compliant using 802.3af injector/splitter
Power consumption	Min 7.4 - 12W max
Operating Temperature	0~60°C
Front Bezel material	Clear Acrylic, white finish default (custom colors available)
Back Box and PC chassis	Mild steel
Relative Humidity	10%~90%, non-condensing
Weight	1.8 Kg (including packaging)