



Protégé 15

Professional grade in-wall touchscreens

Introducing an affordably elegant and interactive large high-performance smartscreen controller running Windows OS. Protégé 15 offers a fast processor, flush-mounting, acrylic bezel, capacitive soft-touch configurable buttons and more. 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 offer a high-performance PC-like experience so make Protégé the backbone of your installations today!

Protégé 15a/w Features:

- Intel Atom 1.6Ghz high-performance fanless processor.
- 15" High Bright TFT LED LCD up to 1024x768 resolution
- Touch Panel: 5-wire resistive type standard
- ACPI 1.0 power saving compliant
- MPEG2 hardware accelerator integrated
- Gigabit Ethernet Controller
- 2 speakers, microphone and **camera** on front bezel
- Ports 1 x LAN, **2 x RS232**, 2 x USB2.0, 1 x PS/2,
- Power Supply: 8~24V full range DC input.
- Steel back box included
- Auto Power-On feature

Customizable Acrylic Bezel:

- 4 soft-touch capacitive sensing buttons on GPIO bus
- LED: RED off; GREEN on; ORANGE button press.
- Microphone / 2 amplified speakers – VoIP ready
- Customizable look/feel

Options:

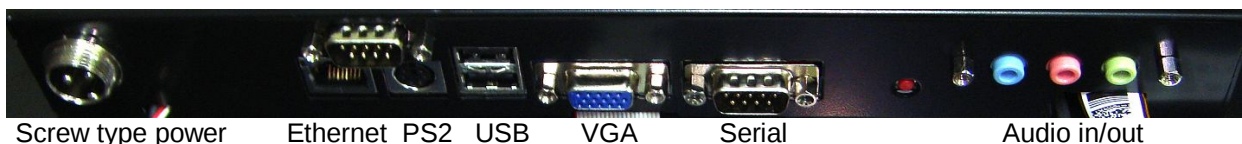
- 2-Video input card w/remote
- WiFi networking
- Custom bezel color/logo/button icons, etc
- SATA 64GB HDD

Protégé 15a

- Windows XPe
- 2GB DOM / 1 GB RAM
- 5 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 15w

- Windows 7 embedded
- 4GB DOM / 2GB RAM
- 5 wire resistive touch
- .Net 1.1, 2.0, 3.0, 3.5
- Internet Explorer 8.0
- Button Monitor 4.01
- Flash plugin 10.2
- Javascript plugin 1.3
- JVM SE
- Media Player 12
- User Management
- Screen Saver
- Windows Explorer
- QC Hardware test tool
- Remote Access
- Multi-touch ready



Protégé 15 Ports and Connector types

System

Processor	Intel Atom 1.6Ghz low heat, high performance processor	
Graphics	Integrated high performance 2D graphics controller	
Memory	DDR 667Mhz 1GB SO-DIMM	2GB SIMM for Pro15w
DIMM Slots	1 (max. 1Gigabyte)	
USB	2 x USB 2.0	
Audio	HD Audio	
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	
Camera	CMOS sensor 1024x768 30 FPS	
Speaker	2 channel amplified speakers	
Microphone	Capacitor microphone	

Display and Touch Screen

Panel	15" SVGA TFT LED LCD
Resolution	1024x768
Brightness	350 cd/M ²
Contrast	400:1
Memory	Shared system memory up to 64MB
Touch Screen	Resistive 5-wire RoHS compliant

Storage

Solid State Memory	Industrial extended temperature 2GB DOM	4GB DOM for Pro15w
Memory Card	Expandable to 64GB SATA HDD	

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	PS/2

Audio

Audio	Line-in, Line-out MIC mini audio jacks
GPIO	4GPI/4GPO
Memory Card	1 x Compact Flash card slot
Power	1 x DC 8~24VDC
Reset	1 x system reset button

Peripherals

Touch sensitive buttons	4 x customizable touch buttons, 1 x power switch button
Status LED indicator	1 x LED indicator (3 colours)

Mechanical and Environmental

Power Input	AC 100V/240V, external power supply unit	
Operating Temperature	0~60°C	
Front Bezel material	Clear Acrylic, white finish (custom colors available)	
Back Box and PC chassis	Mild steel	
Relative Humidity	10%~90%, non-condensing	
Weight	6.8 Kg (including packaging)	
Dimensions	Front bezel: 378mm w x 360mm h x 6 mm d PC chassis: 353mm w x 331mm h x 53.7mm d Back box: 353mm w x 346mm h x 67mm d Wall opening 358mm w x 337mm h x 68mm d	14.88 x 14.17 x 0.23 13.9 x 13.62 x 2.64 14.1 x 13.27 x 2.65

