

POI-1501

Residential Terminal



Features

- Fanless, high performance platform with Intel® Celeron® M 600 MHz and a Windows XPE Embedded kernel
- Superior 15" high quality LCD display with touchscreen
- Four programmable function keys for hot key or quick apps launch
- Rich multimedia capability for pleasant user interaction
- Comprehensive I/O connectivity options - Dual Ethernet, RS-485, RS-232, USB 2.0, etc
- Video in/ out for surveillance & TV connection
- Advantech SUSI API manager is supported for easy SI development



Introduction

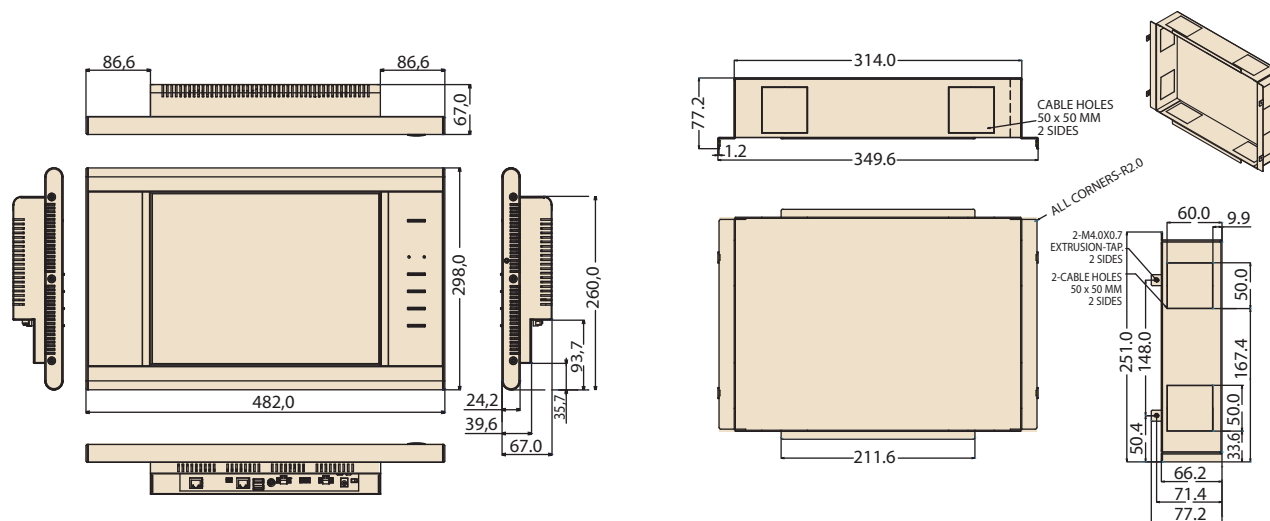
The POI-1501, a 15" multi-function intelligence terminal with touch panel, four hot keys, built-in handset and 1.3 megapixel CMOS camera is a standard Advantech product which targets the home residential and healthcare market. Built-in Intel Celeron M 600 MHz processor and Microsoft Windows XPE embedded software provide great performance with variety of customization features for control. Comprehensive I/O interface, including RJ-45, USB, RS-232, and RS-485 provide greater flexibility to system integrators, shortening their installation schedule. Two LAN ports offer more stability and protect the system from intrusion by allowing for separate connections between the internet and an intranet. The POI-1501 is available in silver or black.

Specifications

| | | |
|--------------|--------------------------------|---|
| Hardware | CPU | Intel Celeron M 600 MHz W/1 512 K cache |
| | Memory | 512 MB |
| | HDD | 80 GB |
| | PCI Slot | 1 x mini PCI |
| | Network (LAN) | 2 x 10/100 Mbps Ethernet (RJ-45) |
| | Hot Keys | 4 x GPIOs (reserved for SI) |
| | Built-in Camera | 1.3 megapixel CMOS camera |
| | LED Indicator | 1 x power indicator |
| Display | Size | 15" color TFT-LCD (1024 x 768) |
| | Resolution | 1024 x 768 |
| | Pixel Pitch | 0.297 x 0.297 |
| | Contrast Ratio | 400 : 1 |
| | Luminance (cd/m ²) | 350 cd/m ² |
| Touch Screen | Type | Resistive |
| | Light Transmission | > 80% |
| | Controller | USB interface |
| | Durability | 10 million touches |
| Audio | Speaker | 1W |
| | Microphone | 1 |
| I/O Ports | USB Port | 2 x USB 2.0 |
| | RS-232 | 1 |
| | RS-485 | 1 |
| | Video-in | 1 |
| | Video-out | 1 |
| Software | Operating System | Embedded XP |
| Mechanical | Mounting Type | Wall mounting |
| | Material Type | Metal feeling |
| | Customization | Logo/button printing |
| | Dimensions (W x H x D) | 350 x 490 x 60 mm (13.78" x 19.29" x 2.36") |
| | Weight | 5.0 kg (11 lbs.) |
| Power | Power Consumption | < 48 W |
| | AC/DC Adapter | 1 |
| | Input Voltage | 100 ~ 240 V _{AC} |
| | Output Voltage | 19 VDC |
| Environment | Operating Temperature | 0 ~ 40° C |
| | Certifications | FCC / CE Class B, CCC |

Dimensions

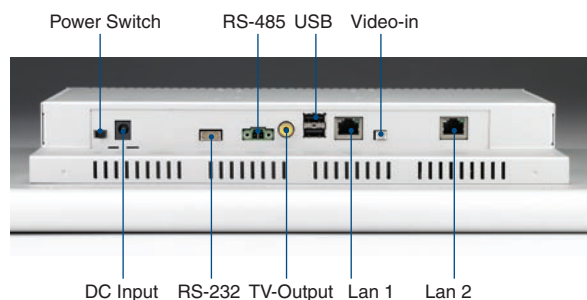
Unit: mm (inch)



Applications

- Home Automation
- Hospital Bed-side
- Advertising Distribution Center
- Home Security
- Home Healthcare

I/O Placement



Ordering Information

| Part Number | Description |
|----------------|---|
| P0I-1501-GPC1E | 15" LCD, Celeron M 600 MHz, 512 MB SDRAM, 80G HDD |
| 1960014838N000 | Wall-box for P0I-1501 |

Packing List

| Description | Quantity |
|---------------------|----------|
| CD Utility | 1 |
| AC/DC Power Adapter | 1 |
| User Manual | 1 |