



Features

- 24" color TFT LCD
- Aluminum (10mm) Bezel and Alu. housing (with Anti-Corrosion Coating)
- Intel Core 4th Gen i3/i5/i7 Processor
- 4G DDR3L on board
- 1 x 2.5" HDD space
- 1 x SD slot on board and 1 x CF slot (Option)
- 9~36V DC Power Input with isolated
- CE/FCC/IEC 60945 certificated
- Marine Application

Specifications

| System | |
|----------------|--|
| Processor | Intel Core i3-4010U Processor (3M Cache, 1.7 GHz) / TDP:15W Intel Core i5-4300U Processor (3M Cache, 2.9 GHz) / TDP:15W |
| System Chipset | SOC |
| System Memory | Onboard 4GB DDR3L 1333/1600 MHz |
| Storage | Default : 1 x 2.5" HDD space 1 x Internal SD slot on board Optional : 1 x Internal CF slot |

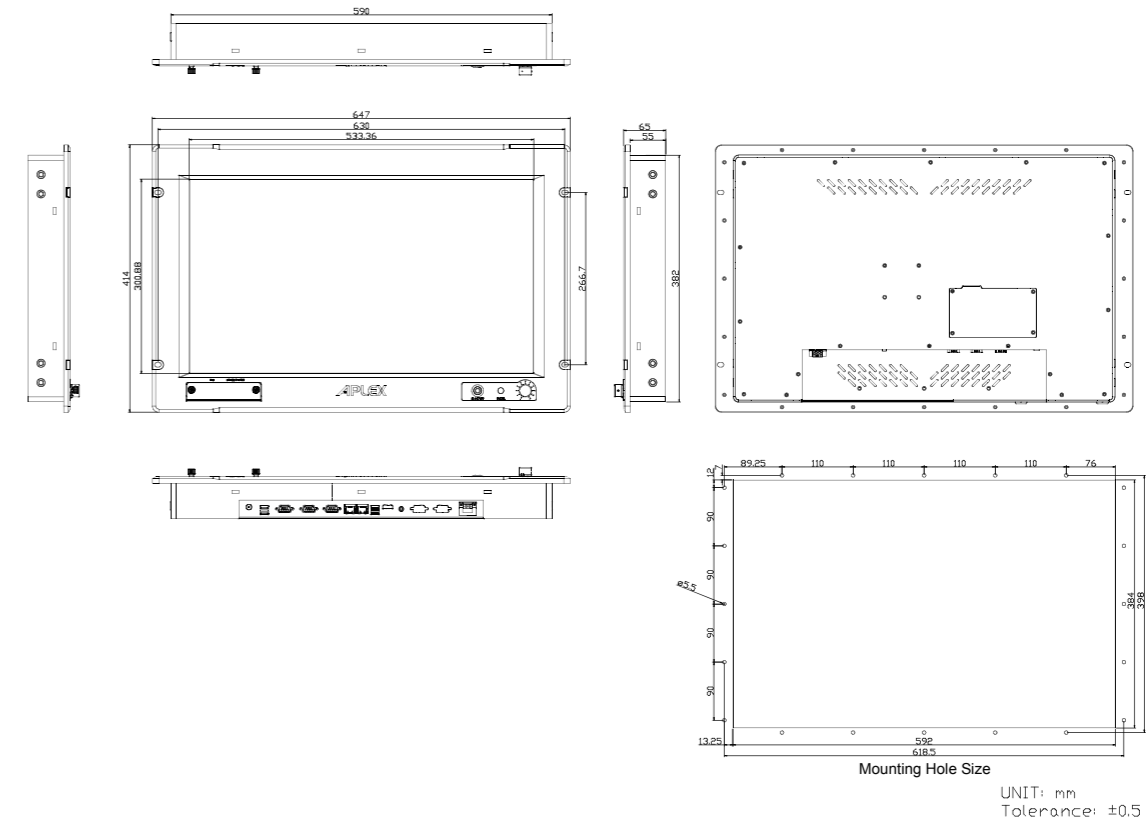
| External I/O | |
|-----------------|--|
| USB | 2 x USB 3.0 type A |
| Serial/Parallel | 1 x RS-232/422/485 selectable default RS-485 DB9 (COM 1) 1 x RS-232 DB9 (COM 2) 1 x HDMI with Cover 1 x Line-out, phone jack 1 x ESD ground |
| LAN | 2 x GbE RJ-45 |
| Power | 1 x 2 pin terminal block connector (for remote power switch) 1 x 3 pin terminal block connector |
| Front Side I/O | 1 x Backlight on/off with touch on/off 1 x Power System LED 1 x VR knob Brightness Control 1 x Power on/off button 2 x LED light for power and HDD indication 1 x USB Port with Waterproof Cover Design |

| Expansion | |
|------------------------|--|
| On board expansion bus | 1 x Mini PCIe full size slot on board Option wifi/BT or 3G with Antenna 1 x Mini PCIe full size slot on board Option isolation 2 x RS-422/485 isolation |

| LCD | |
|--------------------------------|-----------------|
| Display Type | 24" TFT-LCD |
| Max. Resolution | 1920 x 1080 |
| Max. Color | 16.7M |
| Contrast Ratio | 3000:1 |
| Luminance (cd/m ²) | 300 |
| View Angle | H: 178 / V: 178 |
| Backlight Lifetime | 50,000 hrs |

| Touch Screen | |
|------------------------|------------------------|
| Type | Resistive Touch Window |
| Interface | USB |
| Light transmission (%) | 80% |

Dimensions



| Power | |
|-------------------|--|
| Power input | 9~36V DC with isolated / AC power option |
| Power Consumption | Max: 56.6W |

| Mechanical | |
|---------------|---|
| Chassis Color | Black/ Aluminum(10mm) bezel and Aluminum housing Anti-Corrosion Coating |
| Mounting | Panel Mount and Front access mount Mounting bracket (option) |
| Dimension | 647 x 414 x 65 mm |
| Net Weight | 11.7 kgs |

| Environmental | |
|---------------------------|--|
| Operating temperature(°C) | 0°C to 50°C Optional WT1 -20°C ~60°C(with industrial SSD) |
| Storage temperature(°C) | -30°C~70°C |
| Storage humidity | 10 to 90% @ 40°C, non- condensing |
| Waterproof/Dustproof | Front Panel IP65 |
| Certificate | CE/FCC/IEC 60945 Certificated Meet IACS E10/DNV Standard |

| Operating System Support | |
|---|--|
| Windows 7 Professional for Embedded Systems, Windows 7 Ultimate for Embedded Systems, Windows Embedded Standard 7, Windows Embedded 8.1 Industry Pro, Windows Embedded 8 Standard, Windows 10 IoT | |

| Ordering information | |
|----------------------|--|
| ADI-3420-01 | 24" FHD Marine panel PC bare bone, Intel Core i3-4010U 1.7GHz processor, 4G DDR3, 2.5" SATA2 320G Industrial HDD, with resistive touch, DC 9~36V power input with Adaptor, Aluminum(10mm) bezel and Aluminum enclosure |
| ADI-3420-02 | 24" FHD Marine panel PC bare bone, Intel Core i5-4300U 2.9GHz processor, 4G DDR3, 2.5" SATA2 320G Industrial HDD, with resistive touch, DC 9~36V power input with Adaptor, Aluminum(10mm) bezel and Aluminum enclosure |



ADITECH ICT PRIVATE LIMITED
803, Sigma IT Park, Plot No R203/204,
Plot No R203/204,
TTC Industrial Area
Rabale , Navi Mumbai - 400701
Tel : +91 9819884527
Email : sales@aditech.in
Website : www.aditech.in