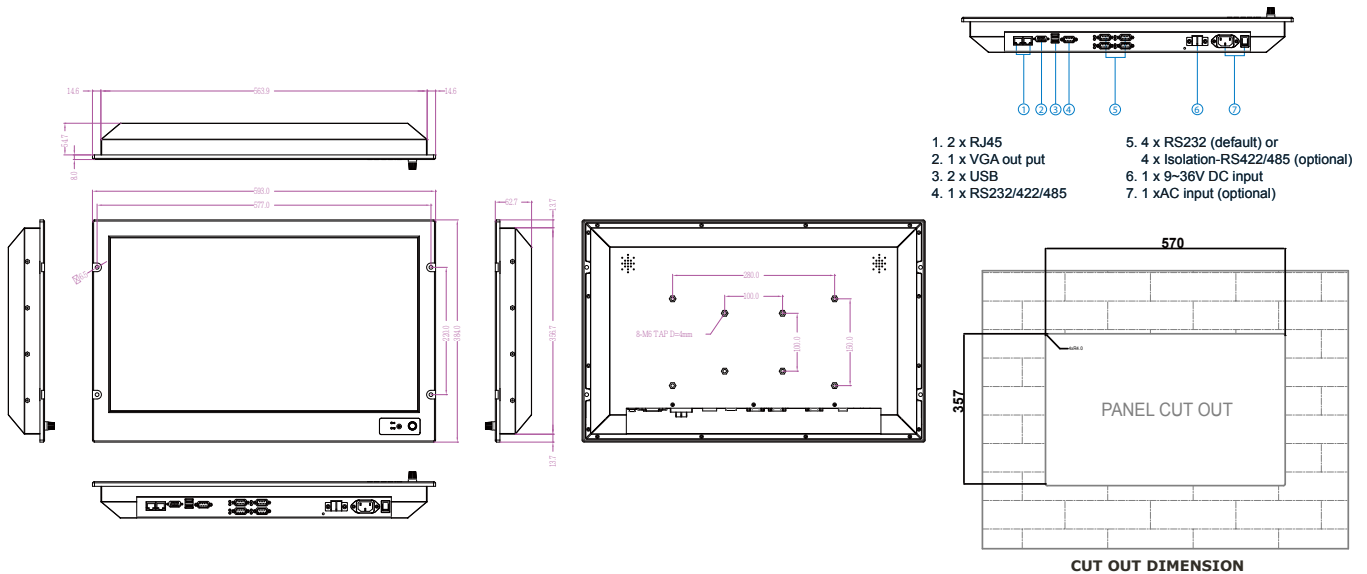




Feature

- 24" Full HD 1920 x 1080 TFT LCD
- Intel® Atom Dual Core N2600 1.6GHz
- 1 x SO-DIMM, max. 4GB DDR3 800/1066
- 4 x Isolated RS422/485 (optional)
- Integrated Dual Broadcom BCM57780 GbE Controller
- Isolated Power Module



1. 2 x RJ45
2. 1 x VGA out put
3. 2 x USB
4. 1 x RS232/422/485
5. 4 x RS232 (default) or 4 x Isolation-RS422/485 (optional)
6. 1 x 9~36V DC input
7. 1 xAC input (optional)

* Note: this is a simplified drawing and some components are not marked in detail. *Please contact our sales representative if you need further product information.

TFT Characteristics :

| | |
|---------------------|--------------------------------|
| Pixel Number | : 1920 x 1080 |
| Pixel Pitch(R&B) | : 0.276 (H) x 0.276 (V) mm |
| Contrast Ratio | : 5000:1(typ.) |
| Panel Brightness | : 300 cd/m ² (typ.) |
| Viewable Angle | : -89 ~ 89(H) ; -89~89(H) |
| Active Display Area | : 531.36 (H) x 298.89 (V) mm |
| Max Colors | : 16.7 (M) / 8 bit / colors |

SBC Specifications :

| | |
|-----------------|--|
| Processor | : Intel® Atom Dual Core N2600 1.6GHz |
| BIOS | : AMI 4Mbit Flash |
| System Chipset | : Intel NM10 express chipset |
| Memory Slot | : 1 x DDR3 800/1066MHz SODIMM, (Max 4GB) |
| Graphic Chipset | : Intel Graphic Accelerator 3650 |
| Storage | : 1 x SATA2, 1 x Mini PCIe slot (mSATA SSD) |
| Ethernet | : 2x RJ-45(1000 Gigabit Ethernet Compatible) |
| VGA | : 1x VGA Connector |
| Audio | : Realtek ALC886 HD Audio Codec |
| USB Ports | : 6 x USB 2.0 (4 x USB by pin-header) |
| Serial Ports | : 4 x RS232, 1 x RS232/422/485 |

Power Specifications :

| | |
|----------------------|---|
| Power Supply Options | : 9 to 36 V DC power supply with Terminal block (Default) |
| Power Consumption | : 100 W typical, normal operation |

Mechanical and Environmental

| | |
|-----------------------|--|
| Mechanical Mounting | : Panel (Flush) mount with IP66*, VESA |
| Operating Temperature | : -15 to 55 deg.C |
| Operating Humidity | : 5% to 95%(non condensing) |
| Anti-Vibration | : 5Hz~500Hz / 1Grms / 3 Axis |
| Anti-Shock | : 15G,11ms duration |

Input / Output Connectors

| | |
|----------------|--|
| Ethernet LAN | : 2 x RJ45-10/100/1000 Mbps |
| COM | : 1 x RS232/422/485 |
| Expansion slot | : 4 x RS232 (default) or 4 x Isolated RS422/485 COM (optional) |
| USB | : 2 x USB Type-A receptable |
| VGA output | : 1 x VGA 15P D-SUB (female) |
| DC Power | : 1 x DC Terminal block |

Available Options

| | |
|-------------------------|--|
| Touch Screen Options | : 5 Wire Resistive |
| AR Safety Glass Options | : 3mm Anti-reflective protection glass |
| Secondary SSD | : up to 256 GB mSATA SSD |

Certification and Approvals

| |
|---------------------------------------|
| · CE, FCC, DNV2.4, IEC60945, IACS-E10 |
|---------------------------------------|



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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