



FULL IP66 Fanless Panel PC

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount

24" Wide LCD monitor , Resolution 1920 x 1080, 250 nits, with 3mm AR glass, Intel Core i5-3610ME Processor (3M Cache, 3.30 GHz) installed Integrated in Fanless , Memory 4GB, 32 GB SSD, Water proof cable: 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power with IR Touch

Model: ECHW2400A-SIP-i5-IR

FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Core i3 / i5 / i7 Processors
- Intel® H61
- 2 x DDR3 1333/1600MHz SO-DIMM Slot (up to 16GB)
- 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power
- IP66 Compliant



SPECIFICATIONS:

| | | |
|----------------------------|----------------------------|---|
| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating |
| | Aspect Ratio / Size | Wide / 24" viewable diagonal area |
| | Active Area / Pixel Pitch | 531.36(H) x 298.89(V) mm / 0.2768(H) x 0.2768(V) mm |
| | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7M |
| | Brightness / Contrast | 250 cd/m2 (typ) / 1000 : 1 |
| | Response Time | ≤ 5 ms |
| | Viewing Angle (typical) | H:170o (- 85o ~ + 85o) , V: 160o (- 80o ~ + 80o) |
| | Light Source | LED backlight, Long life, 35,000 hrs (typ) |
| System | CPU | Intel® Core i3 / i5 / i7 Processors |
| | BIOS | UEFI |
| | System / Graphic Chipset | Intel® HD Graphics (By CPU); Shared Memory |
| | System Memory | 2 x DDR3 1333/1600MHz SO-DIMM Slot (up to 16GB) |
| | HDD | 4 x SATA2 |
| | I/O port | 1 x VGA |
| | | 2 x USB |
| 1 x COM | | |
| 1 x LAN | | |
| Expansion | N / A | |
| Power | Power Input | 9-19V DC-In (4-pin ATX PWR Con) |
| | Power Consumption | 106.25Watt, <1 Watt |
| Operating Condition | Temperature / Humidity | 0o C ~ 50o C (32o F ~ 122o F) , 10% ~ 90% (no condensation) |
| Dimensions | Physical | Please refer to Drawing |
| | Carton | W x H x D = TBD |

| Options | Touch | Video / TV | Enhanced Panel | Others |
|---------|------------------|----------------------|--------------------------|------------------------------|
| | Resistive touch | SV + AV | Panel with LED backlight | Digital Signage(Stand alone) |
| | Capacitive touch | SV + AV + AV_Looping | High brightness panel | Networking Digital Signage |
| | SAW touch | SV + AV + TV | Wide Temperature | Motion Sensor |
| | Infrared touch | | Sunlight Readable | Light Sensor |
| | Protected glass | | | Auto-Dimming |

LCD OPTIONS



Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



RS-232 Remote Control Options

Remote Control Protocol: Command Code to set system



9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



Light Sensor and Motion Sensor Options

iTech LCD offers Light and Motion Sensor

Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm

DRAWINGS:

