

# S19A-QM87

19" Fanless Panel PC with 4th Generation Intel®Core™ i5 Dual-core Processor



## Features

- » 19" Fanless Panel PC with 4th Generation Intel®Core™ i5 Dual-core Processor
- » -15°C ~ +55°C Wide Temperature and IP66 Protection with Flat-bezel Projected Capacitive Touchscreen
- » Excellent Visual Performance
  - Three independent displays
  - Full OSD function configuration
  - 0% ~ 100% full range dimming
  - 178°/178° wide viewing angles
- Optical bonding improves visibility under bright light (optional)
- » Isolation Protection
  - RS-232/422/485 isolated serial ports
  - Isolated 18V ~ 36V DC input
  - 2 x Isolated CAN-bus 2.0B
- » iRIS Remote Management Module

## Specifications

|                                 |   |
|---------------------------------|---|
| <b>Display</b>                  |   |
| Backlight MTBF(hrs)             | 50000   |
| Brightness(cd/m2)               | 300   |
| Contrast Ratio                  | 2000 : 1  |
| LCD Size                        | 19"   |
| Max Resolution                  | 1280(W) x 1024(H)   |
| <b>Environment</b>              |   |
| Humidity                        | 10% to 95% (non-condensing)   |
| Operating Temperature           | -15°C~55°C  |
| Storage Temperature             | -20°C~60°C  |
| <b>I/O Interface</b>            |   |
| I/O Ports and Switches          | DVI-D Signal Input: 2 x DVI (24-pin, female)<br>VGA Signal Output: 1 x D-sub (15-pin, female) - Clone of VGA IN*<br>Composite Video Input: 1 x BNC connector (female) |
| RAM                             | 4GB 1600MHz DDR3 SDRAM (2GB*2)<br>Two 204-pin 1600/1333 MHz dual-channel DDR3 SDRAM support up to 16GB  |
| <b>LCD</b>                      |   |
| LCD Color                       | 16.7M   |
| Pixel Pitch (mm)                | 0.294mm x 0.294mm   |
| Viewing Angle (H-V)             | 178° / 178°   |
| <b>Physical Characteristics</b> |   |
| Cutout Dimensions               | 576 mm x 358 mm   |
| Dimensions (LxWxH) (mm)         | 592 mm x 374 mm x 113 mm  |
| <b>System</b>                   |   |
| Chipset                         | Intel® QM87   |
| CPU                             | Intel® 22nm 4th generation Mobile Core™ i5-4400E 2.7GHz processor   |
| HDD                             | 1 x 2.5" SATA HDD bay   |

|                  |   |
|------------------|---|
| SSD              | CF Type II                                      |
| Touch            |   |
| Touch Controller | 6H  |
| Touch Screen     | EXC7920 (10-point)                              |
| Weight           |   |
| Weight           | 13.03Kg   |
| I/O Interface    |   |
| I/O Interface    | 2 x LAN(RJ-45 for Gbe)                          |
|                  | 1 x Line in                                     |
|                  | 1 x Line out                                    |
|                  | 1 x Mic   |
|                  | 1 x PS/2  |
|                  | 1 x Power Switch                                |
|                  | 1 x RS-232((non-isolated))                      |
|                  | 4 x RS-422/485((2.5 kv isolation protection))   |
|                  | 2 x USB2.0                                      |
|                  | 2 x USB3.0                                      |
|                  | 1 x HDMI™                                       |
|                  | 1 x DVI-D                                       |
|                  | 1 x Power In(Isolated 18-36V DC terminal block) |
|                  | 2 x CAN-bus(terminal block)                     |
|                  | 2 x Antenna SMA((reserved))                     |
|                  | 1 x VGA   |

## Ordering Information

|                         |   |
|-------------------------|---|
| S19A-QM87i-i5/PC/4G-R10 | 19" 300cd/m <sup>2</sup> SXGA marine panel PC with Intel® Mobile Core™ i5-4400E 2.7GHz CPU, 2*2GB DDR3 RAM, projected capacitive touch screen, isolated 18-36V DC, iRIS-2400 supported, R10 |
|-------------------------|---|

## Packing List

|                   |               |
|-------------------|---------------|
| 1 x Power Adpater | 1 x Screw Kit |
| 1 x Touch Pen     |               |