

# S24A-QM87

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



## Features

- » 24" 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

Display	
Backlight MTBF(hrs)	50000
Brightness(cd/m2)	300
Contrast Ratio	5000 : 1
LCD Size	24"
Max Resolution	1920(W) x 1080(H)
Environment	
Humidity	10% to 95% (non-condensing)
Operating Temperature	-15°C~55°C
Storage Temperature	-20°C~60°C
I/O Interface	
I/O Ports and Switches	DVI-D Signal Input: 2 x DVI (24-pin, female)
	VGA Signal Output: 1 x D-sub (15-pin, female) - Clone of VGA IN*
	Composite Video Input: 1 x BNC connector (female)
RAM	4GB 1600MHz DDR3 SDRAM (2GB*2)
	Two 204-pin 1600/1333 MHz dual-channel DDR3 SDRAM support up to 16GB
LCD	
LCD Color	16.7M
Pixel Pitch (mm)	0.2767mm x 0.2767mm
Viewing Angle (H-V)	178° / 178°
Physical Characteristics	
Cutout Dimensions	576 mm x 358 mm
Dimensions (LxWxH) (mm)	592 mm x 374 mm x 113 mm
System	
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	EXC7200 (2-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((DB-9))
	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 (2.5 kv isolation protection))
	2 x Antenna SMA((reserved))
	1 x VGA

## Ordering Information

S24A-QM87i-i5/PC/4G-R10	24" 300cd/m <sup>2</sup> FHD 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
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## Packing List

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