

# PMS1127E - 12.1" TFT LCD Industrial Touch Panel PC



## Features Highlight

- 12.1" SXGA TFT LCD display
- High performance system supporting LGA1155 socket 3rd & 2nd Generation Intel® Core™ i7/ i5/ i3/ Celeron®/ Pentium®/ Xeon® processors
- Intel® C216 chipset
- Easy installation: a screwless design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 3 COM ports
- Flexible expansion interface (two PCIe x8 or two PCI slots)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP 65 compliant front bezel design



The PMS1127E is a multimedia touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the PMS1127E is powered by a high performance 3rd & 2nd Generation Intel® Core™ i7/ i5/ i3/ Celeron®/ Pentium®/ Xeon® processors with the Intel® C216 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

The PMS1127E supports DVI and HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

The PMS1127E has 2 PCIe x8 or 2 PCI ports for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement. The PMS1127E features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

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GS-35F-0496K

# PMS1127E - 12.1" TFT LCD Industrial Touch Panel PC



## Specifications

Item No.	PMS1127E
Front Bezel	Industrial-grade Aluminum w/ IP65/NEMA 4 rugged protection
LCD Size	12.1" XGA TFT LCD
Touch Screen	5-wire resistive type, Light transmission 79%, 1 million activations (typical) at a single point
Resolution	1024 x 768 pixels
Brightness(cd/m <sup>2</sup> )	500 nits
View Angle(H/V)	160° /140°
Chipset	Intel® C216
CPU Processor	2nd Generation Intel® Core™ i7/ i5/ i3/ Celeron®/ Pentium®/ Xeon® processors
System Memory	2 x 204-pin DDR3 SO-DIMMs (max. 16GB)
I/O Connector	1 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in/Line-out)
Drive Bay	1 x 2.5" SATA HDD.
Watchdog Timer	255 levels, 1~255 sec.
Mounting Kit	VESA & WALL mount kit (Optional)
Wireless Connection	Wireless LAN 802.11 b/g/n Module (Optional)
Expansion Slot	<b>2 x PCIe x8 or 2 x PCI Slots</b>
Power Supply	270W,100 ~ 240 VAC Power Supply
Operation Temperature	32°F -113°F (0°C-45°C)
Relative Humidity	10%~95% @ 104°F (40°C); non-condensing
Vibration	1.0G, 5~500Hz, random
Dimensions(WxHxD)	12.26" x 9.84 " x 4.4" (311.5 x 250 x 111.85mm)
Net Weight	11 lbs (5.0 kg)
EMC	CE

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## Detail Views

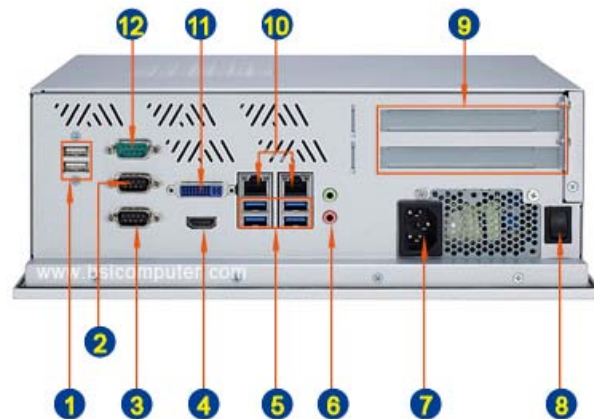
### PMS1127E Industrial Panel PC Front View

1. OSD Sensor



### PMS1127E Industrial Panel PC I/O View

1. 2 x USB 2.0
2. 1 x RS-232/422/485 (with 5V & 12V)
3. 1 x RS-232
4. HDMI
5. 4 x USB 3.0
6. Audio (MIC-in/Line-out)
7. AC plug
8. Power Switch
9. 2 x PCIe x8 or 2 x PCI
10. 2 x GbE LAN
11. DVI-I Port
12. 1 x RS-232 (with 5V & 12V)



### PMS1127E Industrial Panel PC Side View

1. Cooling Fan



# PMS1127E - 12.1" TFT LCD Industrial Touch Panel PC



## Mechanical Drawing

