# P1197E-861

19" SXGA TFT Intel<sup>®</sup> Core™ i7/ i5/ i3 Expandable Industrial Panel Computer with 1 PCI or 1 PCIe Slot







- 1. AC Plug
- 2. PS2 Keyboard & Mouse combo 7. 1x PCIe x 4 or 1 x PCI
- 3. 1x RS-232/422/485 (COM1)
- 4. 1x VGA 5. Ethernet x2
- 6. Audio (Mic-in/Line-out) hbo 7. 1x PCle x 4 or 1 x PCl 8. 2x USB2.0 9. 1x RS-232(COM2) 10. 1x DVI-D

11. 4x USB2.0 12. 1x RS-232(COM3) 13. 1x RS-232(COM4) 14. Power Switch



#### Introduction

The P1197E-861 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 P1197E-861 is powered by a high performance LGA1155 socket 3rd & 2nd Generation Intel<sup>®</sup> Core<sup>™</sup> i7/ i5/ i3/ Pentium<sup>®</sup>/ Celeron<sup>®</sup> processors with the Intel<sup>®</sup> H61 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.

#### Expandable for 1 PCle or 1 PCl

The P1197E-861 has 1 PCIe x4 or 1 PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement.

#### Speaker and WLAN Antenna Supported

The P1197E-861 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

#### SATA HDD Trays for Easy Maintenance

Without the complicated steps, users can maintain hard drive in 2 steps that make the work more efficiency.

#### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

# **Features**

- 19" SXGA TFT LCD display
- High performance system supporting LGA1155 socket 3rd & 2nd Generation Intel<sup>®</sup> Core™ i7/ i5/ i3/ Pentium<sup>®</sup>/ Celeron<sup>®</sup> processors
- Intel<sup>®</sup> H61 chipset
- Easy installation: a less screw design for user's convenience
- 6 USB 2.0 (back), 2 USB 2.0 (front) and 4 COM ports
- Flexible expansion interface (PCIe x4 or PCI slot)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP 65 compliant front bezel design



## Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	80°/80°
Main System	CPU	LGA1155 socket 3rd & 2nd Generation Intel® Core™ i7/ i5/ i3/ Pentiun®/ Celeron® processors
	Chipset	Intel <sup>®</sup> H61
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	2 x 2.5" SATA HDD
	Drive	1 x builtin slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

## **Specifications**

IO Connector	3 x RS-232 (COM 2-4)	
	1 x RS-232/422/485 (COM 1)	
	1 x RS-232 with 5V & 12V (COM 3)	
	1 x DVI-D	
	1 x VGA	
	6 x USB 2.0 (back)	
	2 x USB 2.0 (front)	
	2 x 10/100/1000 Mbps Ethernet	
	1 x Audio (Mic-in/Line-out)	
Expansion Interface	1 x PCIe x4 or 1 x PCI	
Touchscreen	5-wire resistive type	
	Light transmission 79%	
	1 million activations (typical) at a single point	
Power Supply	100 ~ 240VAC, 270W	
Dimensions	469 mm (18.46") (W) x 94.7 mm (3.73") (D) x 380.8 mm (14.99") (H)	
Packing Dimension	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)	
Weight(net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)	
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)	
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)	
	Relative humidity: 10 ~ 95% @ 40°C, non-considering	
	Operating vibration: 1.0G, 5-500Hz, random	
Certification	CE	

# **Ordering Information**

P1197E-861 w/ PCle	19" SXGA TFT Intel <sup>®</sup> Core™ i7/ i5/ i3/ Celeron <sup>®</sup> / Pentium <sup>®</sup> expandable industrial touch panel computer with 1 PCle x4 slot
P1197E-861 w/ PCI	19" SXGA TFT Intel <sup>®</sup> Core™ i7/ i5/ i3/ Celeron <sup>®</sup> / Pentium <sup>®</sup> expandable industrial touch panel computer with 1 PCI slot
* Specification and cert	fications are based on options and may vary.

# **Optional OS Installation**

Windows <sup>®</sup> 7	
Windows <sup>®</sup> Vista	
Windows <sup>®</sup> XP	
Windows <sup>®</sup> Embedded 8	

Overview

#### Industrial Panel Computers & Monitors

Heavy-duty Fanless Touch Panel Computers

> Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories



▲ Less screw design

# Dimensions

