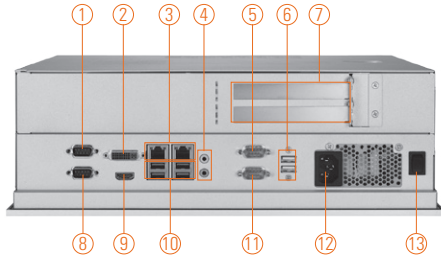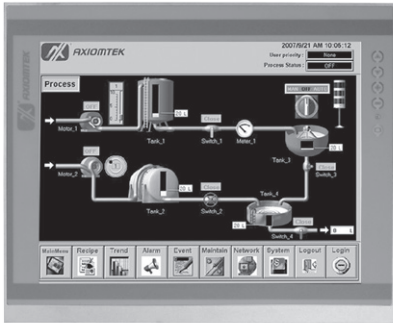# P1177E-871

17" SXGA TFT Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor Expandable Industrial Touch Panel Computer with 2 PCIe or 2 PCI Slots

TAIWAN EXCELLENCE 2014

Features

- 17" SXGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
- Intel® C216 chipset
- Easy installation: a less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 4 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 IP65 compliant front bezel design

▲ Side view

1. COM 1 with 5V & 12V (RS-232/422/485)	5. COM 3 with 5V & 12V (RS-232) 10. USB 3.0 x 4
2. DVI-I	6. USB 2.0 x 2 11. COM 4 (RS-232)
3. Ethernet x 2	7. PCIe x8 x 2 or PCI x 2 12. AC plug
4. Audio (MIC-in/Line-out)	8. COM 2 (RS-232) 13. Power switch
	9. HDMI

DDR3 | **IP65** | **DualView**

Introduction

The P1177E-871 is a multimedia 17" 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 P1177E-871 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.

Dual Monitor Display
The P1177E-871 supports DVI or 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.

Expandable for 2 PCIe or 2 PCI
The P1177E-871 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.

Speaker and WLAN Antenna Supported
The P1177E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

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.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
	Chipset	Intel® C216
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Drive	1 x built-in slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	2 x RS-232 (COM 2 & COM 4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 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)
Expansion Interface	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 270W
Dimensions	410 mm (16.14") (W) x 131 mm (5.16") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	8.2 kg (18.078 lb)/12 kg (26.46 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F) Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 10 ~ 90%@40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1177E-871 w/ PCIe	17" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCIe x8 slot, 100~240VAC
P1177E-871 w/ PCI	17" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCI slot, 100~240VAC

* Specification and certifications are based on options and may vary.

Optional Accessonies

82211271000E	Wireless LAN kit
82011750130E	2 x 2.5" HDD kit
8211770120E	VESA & Wall Mount kit
82211770070E	Rack mount kit
82211770110E	P1177E-871 DVD-RW Kit
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)

Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8

▲ Expanelable design

▲ Less screw design

Dimensions