EP–265E

Modular Construction All–in–One touch Panel PC

Features

- Modular construction design for easy maintenance
- Support second display with adjustable swivel angle
- 20-90° adjustable main display
- Effective Heat Dissipation System
- I/O interface for easy peripherals connection
- Built-in wireless LAN for remote communication
- Two 2.5" SATA hard disk bays and one CompactFlash card slot for storage
- IP-64 compliant front panel

Specifications

Model		EP-265E-GM45-R10	EP-265E-N270-R10
LCD Size		15"	
CPU		Intel® Core™ 2 Duo 1.66GHz/ 2MB L2 cache	Intel® Diamonville-SC N270 (Atom 1.6G)
Chipset		Intel® GM45 + ICH9M	Intel® 945GSE + ICH7M
Graphic		Integrated in GM45 with DB-15 VGA output	Integrated in 945GSE with DB-15 VGA output
Memory		Built-in 1GB DDR2 memory system supports 2 x 240 pin dual channel DDR2 800/667MHz up to 2GB	Built-in 512MB DDR2 memory system supports 2 x 240 pin dual channel DDR2 400/533MHz up to 2GB
Max Resolution		1024 x 768	
Brightness (cd/m²)		250	
Contrast Ratio		600:1	
LCD Color		16.7M	
Pixel Pitch (mm)		0.297(H) x 0.297(V)	
Viewing Angle (H-V)		160º / 160º	
Backlight MTBF		40000hrs	
Touch Screen		Resistive Type 5-Wire, Support RS-232 interface.	
HDD		2 x 2.5 SATA HDD Bay	
SSD		1 x CF Type II slot	
I/O Interface	Display	1 x VGA Port	1 x VGA Port
	PoweredUSB	**7 x USB 2.0** 2 x 5V PoweredUSB on the rear panel 2 x 5V PoweredUSB on the bottom panel 1 x 12V PoweredUSB on the rear panel, 1 x 12V PoweredUSB on the bottom panel 1 x 24V PoweredUSB on the bottom panel	**7 x USB 2.0** 2 x USB on the rear panel 4 x USB on the bottom panel 1 x 12V PoweredUSB on the rear panel
	Powered COM	**4 x COM Port with LED indicators** 3 x 5V/ 12V Powered COM on the bottom panel (COM3/ COM4/ COM5), 1 x 5V/ 12V Powered COM on the rear panel (COM6)	
	Cash Drawer Port	2 x 12V/ 24V RJ-11 connectors for cash drawer	1 x 12V/ 24V RJ-11 connectors for cash drawer
	PS2	1 x Keyboard, 1 x Mouse	1 x Keyboard, 1 x Mouse
	LPT	1 x DB-25	1 x DB-25
	LAN	1 x giga LAN	1 x giga LAN
	Wireless	Optional 802.11 a/b/g with PIFA antenna, PCIe interface	Optional 802.11 a/b/g with PIFA antenna, PCIe interface
	Audio	3W + 3W amp. audio connector on the SBC bottom	3W + 3W amp. audio connector on the SBC bottom
	Power Switch	1 x 12V/ 24V Power Jack, 1 x Power Switch on Right Side 1 x Dual Color LED on Front Panel	1 x 12V DC-IN Power Jack, 1 x Power Switch on Right Side 1 x Dual Color LED on Front Panel
Power	Quick Buttons	Brightness & Volume control	Brightness & Volume control
	Adapter	252W Power Adapter (ACE-D825A-H-RS)	150W Power adapter (FSP150-AHA312-RS)
	Input	12V/24V DC in	12V DC in
	Output	12V/24V	12VDC
Power Consumption		12V DC at 5.0A/24VDC at 3.0A	12V DC at 4.0A
Construction		ABS + PC Plastic Front Frame Aluminum Alloy Chassis	
Color		Black	
Operation Temperature (˚C)		0~40˚C	
IP Level		IP64 (Front Panel)	
Safety & EMI		CE / EMC / FCC / CB / UL	
Dimension (WxHxD)		373 x 390 x 335 mm	
Net Weight		8.30 Kg	

Options

Model	EP-265E-N270	EP-265E-GM45
Wall Mount Kit	AFLWK-19/ AFLWK-19B	
AFOLUX Monitor (8.4")	EPP-26-AFL-08M	
AFOLUX Monitor (10.4")	EPP-26-AFL-10M	
Magnetic Card Reader	EPP-26MSR-U	
Smart Card Reader	EPP-26MSI-U	
Barcode Reader	AFLP-BRW01-U (White color) / AFLP-BRB01-U (Black color)	
Cash Drawer	AFLP-CW01-12V (White color) / AFLP-CB01-12V (Black color)	
Customer Display	AFL-CDW01 (White color)/ AFL-CDB01 (Black color)	
VFD Customer Display	EPP-26VFD-U	
Thermal Printer	AFLP-TPW01 (White color) / AFLP-TPB01 (Black color)	
OS: Windows® XPE	EPCF-265E-N270-XPE-R10	EPCF-265-GM45-XPE-R10
OS: Windows® WEPOS	EPCF-265E-N270-WEPOSREADY-R10 (1 GB CF Card)	EPCF-265-GM45 WEPOSREADY-R10 (1GB CF Card)

Ordering Information

Part No.	Description
EP-265-910-10G/WT-R/1GB	15" 350cd/m² XGA Panel PC with Intel® Celeron® M 1.0GHz 512K cache CPU,1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, RoHS
EP-265-GM45-C575/WT-R/1GB	15" 350cd/m² XGA Panel PC with Intel® Celeron® 2.0GHz 1MB cache CPU,1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, RoHS
EP-265E-910-10G/T-R/1GB	15" 250cd/m² XGA Panel PC with Intel® Celeron® M 1.0GHz 512K cache CPU,1GB DDR2 RAM, touch screen, RoHS
EP-265E-GM45-C575/WT-R/1GB	15" 250cd/m² XGA Panel PC with Intel® Celeron® 2.0GHz 1MB cache CPU,1GB DDR2 RAM, 802.11 b/g wireless module

EP–265E Modular Construction All–in–One touch Panel PC

The EP-265 is the multi-function all-in-one POS system and it's ideal for retailer or hospitality. The system supports a second display, facing the customer, for dynamic advertisements or information for the customer. The modular design of the system allows the different parts to be replaced quickly and easily, for quick maintenance. A wide range of I/O interfaces allow connections to almost any peripheral device.
A choice of 15" Touch Screens with a tilt angle from 20 ~ 90° offers you maximum flexibility and convenience. The stylish and fancy outlook EP-265 POS system is excellent for any business and offer a sense of fashion.

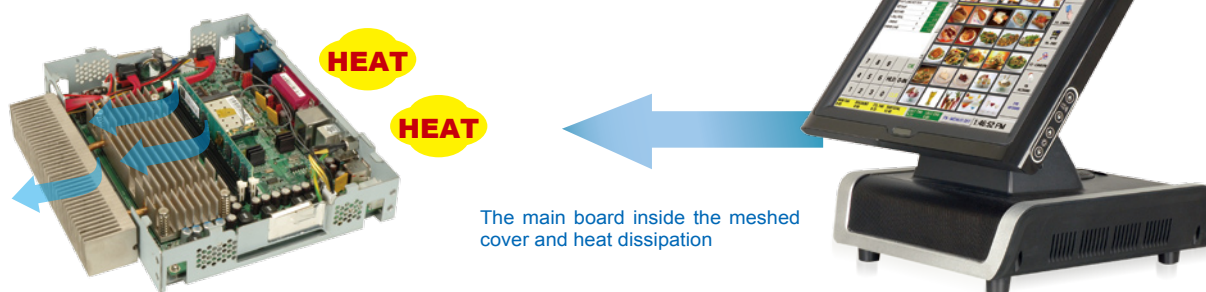|	**Fan-less**	**High Performance**
Model	EP-265E-N270	EP-265E-GM45
LCD Size	15"	
CPU	Intel® Diamonville-SC N270 (Atom 1.6G)	Intel® Celeron® M 2GHz/ 1MB L2 cache
Chipset	Intel® 945GSE + ICH7M	Intel® GM45+ ICH9M
Memory	Built-in 1GB DDR2 menory, supports 2 x 240 pin dual channel DDR2 400/533MHz up to 2GB	Built-in 1GB DDR2 memory, supports 2 x 240 pin dual channel DDR2 667/800MHz up to 2GB
Max Resolution	1024 x 768	
Brightness (cd/m²)	250	
Contrast Ratio	600:1	
LCD Color	16.7M	
Touch Screen Type	Resistive Type 5-Wire	

● Optional CPU Selection Guide (for GM45 model)

CPU Brand Name	Generation	CPU No.	Clock Speed (GHz)	FSB (MHz)	L2 Cache	TDP
Core™2 Duo	Penryn	T9300	2.50	800	6MB	35W
		T8300	2.40		3MB	
		T8100	2.10		3MB	
Core™2 Extreme	Merom (Santa Rosa)	X7900	2.80	800	4MB	44W
		X7800	2.60			
Core™2 Duo		T7800	2.60		4MB	35W
		T7700	2.40			
		T7500	2.20			
		T7300	2.00			
		T7250	2.00		2MB	
		T7100	1.80			
		L7700	1.80		4MB	17W
		L7500	1.60			
		L7300	1.40			

PS. Please refer to 2008 IPC Catalog P6-P10 for more information

Effective Heat Dissipation System

A combination of heat sinks and heat pipes transfer heat away from the CPU and other heat producing components. A large heat sink is situated near the front mesh cover for maximum cooling.

HEAT

HEAT

The main board inside the meshed cover and heat dissipation

Modular Construction Design

The EP-265 all-in-one POS system consists of three sections, the LCD module, the support pole module, and the main board module. Users can simply replace each module if any part needs repair. The modular design reduces the total cost on maintenance and after-sale service.

LCD Module

Support pole module

The main board Module

Free-to-Adjust Display

IEI'sintroduces the unique design of the free-to-adjust pole stand for second displays. The pole stand allows up and down, left and right (-45º to 45º) angle adjustment. The second display can be adjusted for the ideal angle for customer viewing and the main monitor can be adjusted for best viewing by the operator.
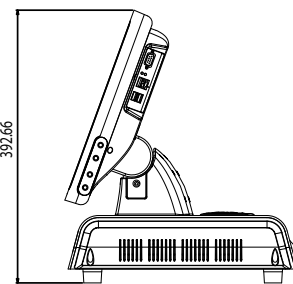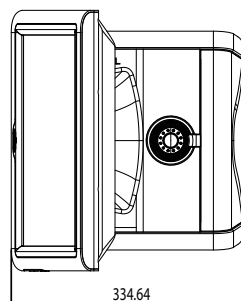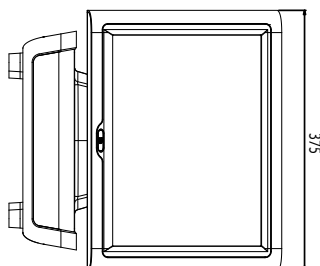
Angle adjust between 20º to 90º

20°

90°

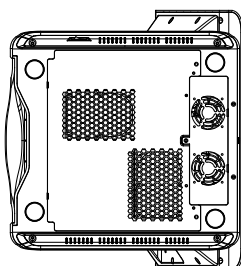Left and right (-45º to 45º) angle adjustment

Up and down angle adjust

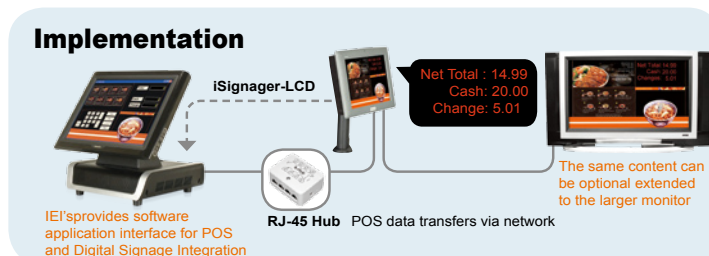## EP-265 Modular Construction POS Dimensions (Unit: mm)

375

334.64

392.66

Second Display Ready

To maximize the sales revenue in the competitive business environment, the high density in-store promotion is an burgeoning marketing method. One of the implementation is the advertisement on second display at the point-of-sales.

IEI'sEP-265 POS system allows various second displays, including digital signage, second monitor, and VFD.

● iSignager Digital Signage

IEI'siSignager-LCD is an independent exercising digital signage display. IEI'sprovides software application interface for users to integrate their own POS program to communicate with the iSignager-LCD and display the real-time POS data on the iSignager-LCD. The independent digital signage will not interrupt the POS system. In addition, the iSignager-LCD combines the digital signage and VFD dual functions together.

Implementation

iSignager-LCD

Net Total : 14.99
Cash: 20.00
Change: 5.01

The same content can be optional extended to the larger monitor

IEI'sprovides software application interface for POS and Digital Signage Integration

RJ-45 Hub POS data transfers via network

● VFD Display

IEI'soffers VFD display with pole stand for user's options. The in-house design VFD perfectly match to the outlook of EP-265 POS and present the sense of style.
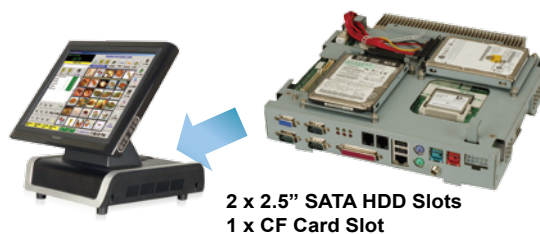
● AFOLUX Monitor

IEI'sAFOLUX monitor supports multiple video inputs for rich contents from TV Box, DVD players or CCD camera.

S-Video — TV Box
VGA — Fanless System
Component — DVD Player
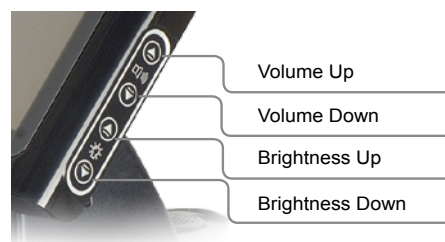Composite — CCD Camera

Unique Mechanical Design

● Easy-to-swap Hard disk and CF card

Easy maintenance is one of the top criterion for the POS system. The EP-265 POS system introduce the easy-to-swap two 2.5" SATA hard disks and CompactFlash Card slots for users change the storage devices in a quick way.

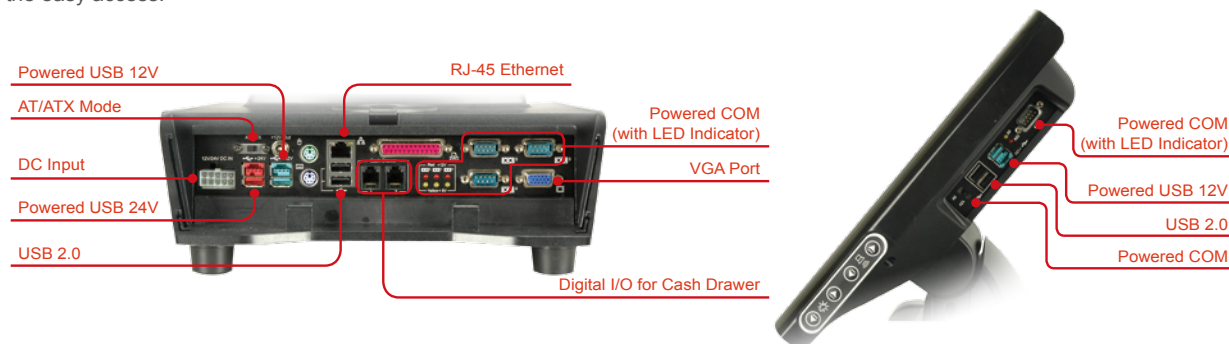**2 x 2.5" SATA HDD Slots**
1 x CF Card Slot

● Contrast and Volume Control Buttons

Contrast and Volume Control Buttons on the right side panel are easily reached and adjusted the brightness and volume

Volume Up
Volume Down
Brightness Up
Brightness Down

Extensive I/O Interface

EP-265 POS system provides the comprehensive I/O interface on both the rear panel and the bottom panel. The bottom panel I/O interface is ideal for the long-lasting peripherals connections and the rear panel I/O is for the often plug-and-play accessories with the easy access.

Powered USB 12V

AT/ATX Mode

DC Input

Powered USB 24V

USB 2.0

RJ-45 Ethernet

Powered COM
(with LED Indicator)

VGA Port

Digital I/O for Cash Drawer

Powered COM
(with LED Indicator)

Powered USB 12V

USB 2.0

Powered COM

● Powered COM port with LED Indicator

There are four powered COM ports on the system. Each powered COM port has a set of LEDs to indicate the current voltage setting, yellow indicates 5V and red indicates 12V.

The powered USB on the bottom panel is selectable by opening and shorting the control pins onboard

The powered USB on the rear panel is selectable by the jumper switch

● PoweredUSB for peripherals

Most POS peripherals are designed with USB connectors and requires the power supply from the POS system. The EP-265 are equipped with 5V/12V/24V PoweredUSB to fulfill user's demands for peripherals connections.

- **USB 2.0**
  2 pcs on rear panel
  2 pcs on bottom panel

- **12V PoweredUSB**
  1 pcs on rear panel
  1 pcs on bottom panel

- **24V PoweredUSB**
  1 pcs on bottom panel

● Digital I/O for Cash Drawer

The EP-265 POS system is furnished with two digital I/O (RJ-12) for cash drawer connections.

● Extend your service by add-on peripherals

Digital Signage For Promotion

Cash Drawer

Payment Device

Card Reader For Membership

Thermal Printer

Barcode Scanner

CCD Camera For Security