

# 15" Desktop Computer PC

## EP-265E

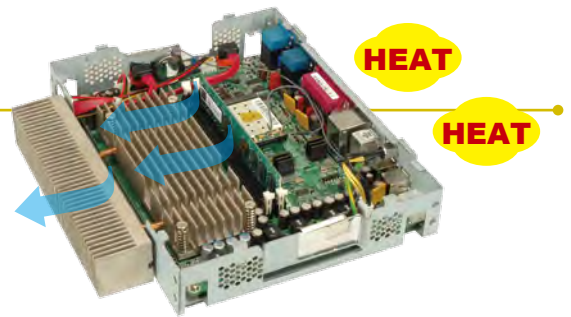
### Desktop Computer All-in-One touch Panel PC

- 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



## 1. 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.



The main board inside the meshed cover and heat dissipation

## 2. 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.



## 3. Free-to-Adjust Display

IEI introduces the unique design of the free-to-adjust pole stand for second displays. The pole stand allows up and down, left and right (-45° to 45°) 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.



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

Up and down angle adjust



Angle adjust between 20° to 90°

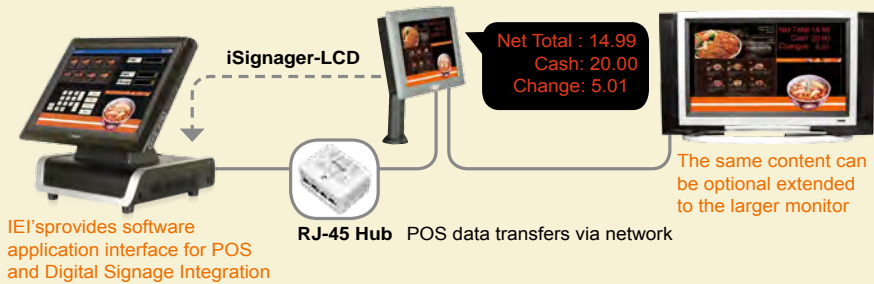
## 4. Second Display Ready

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

### ■ iSignager Digital Signage

IEI's iSignager-LCD is an independent exercising digital signage display. IEI provides 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



### ■ VFD Display

IEI offers 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

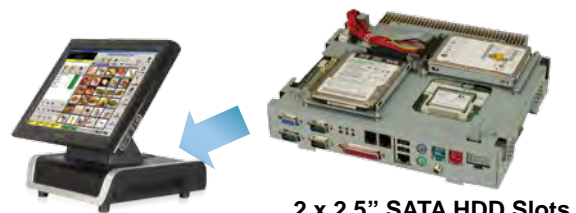
IEI's AFOLUX monitor supports multiple video inputs for rich contents from TV Box, DVD players or CCD camera.



## 5. Unique Mechanical Design

### ■ Easy-to-swap Hard disk and CF card

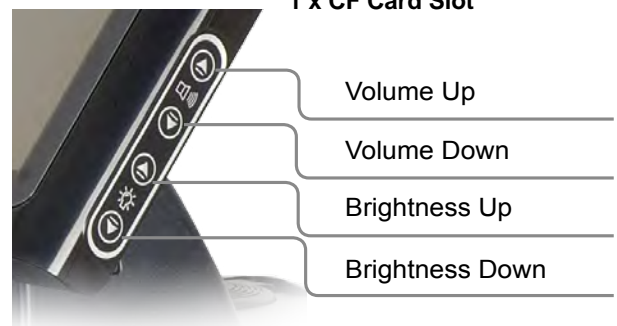
Easy maintenance is one of the top criterion for the POS system. The EP-265 POS system introduce the easy-to-swap two 2.5" SATA hard disks and CompactFlash Card slots for users change the storage devices in a quick way.



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

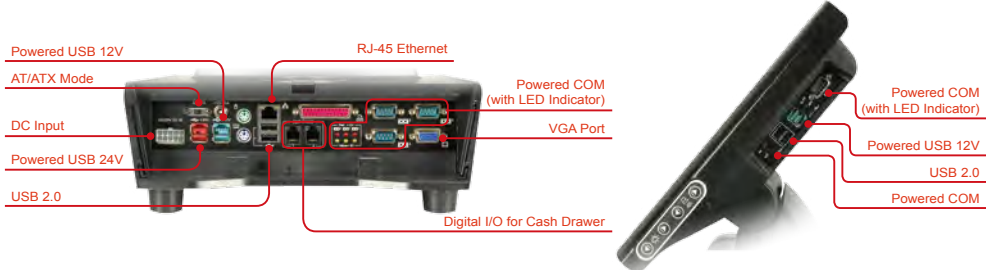
### ■ Contrast and Volume Control Buttons

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



# 6. 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 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

## ■ Powered USB 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



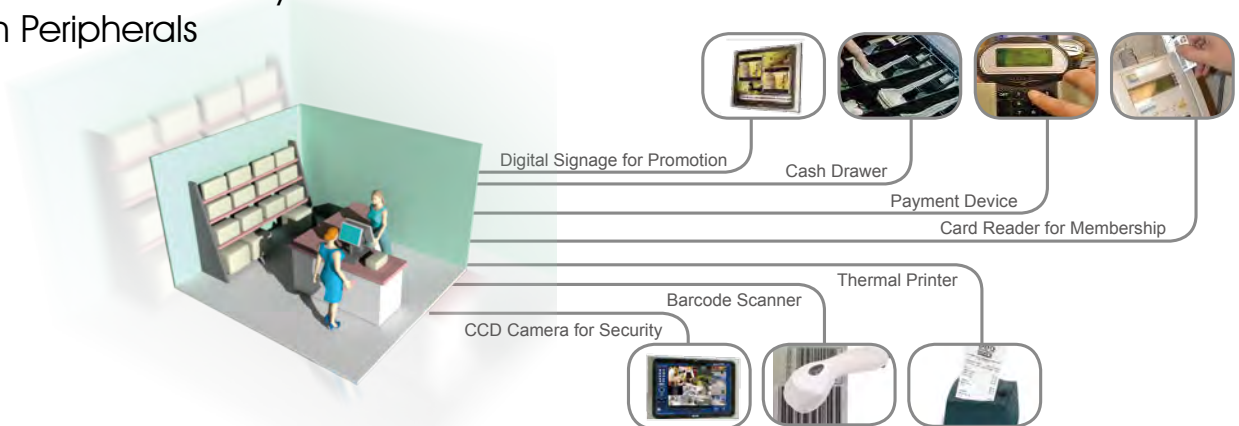
### • 24V PoweredUSB

1 pcs on bottom panel

## ■ Digital I/O for Cash Drawer

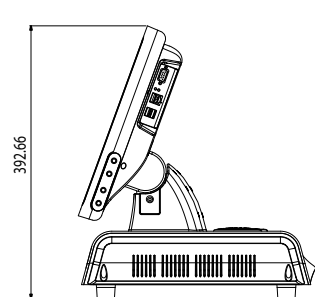
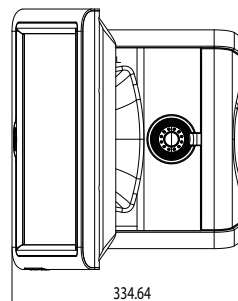
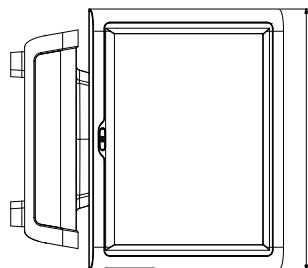
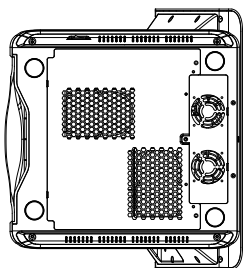
The EP-265 POS system is furnished with two digital I/O (RJ-12) for cash drawer connections.

## ■ Extend Your Service by Add-on Peripherals



## EP-265 Dimensions

(Unit: mm)



# Specifications

Model		EP-265E-GM45	EP-265E-N270
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 1GB 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)		160° / 160°	
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
	Powered USB	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	<b>4 x COM Port with LED indicators</b> 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	
	PS2	1 x Keyboard, 1 x Mouse	
	LPT	1 x DB-25	
	LAN	1 x Giga LAN	
	Wireless	Optional 802.11 a/b/g with PIFA antenna, PCIe interface	
	Audio	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	
	Adapter	252W Power Adapter (ACE-D825A-H-RS)	150W Power adapter (FSP150-AHA312-RS)
	Input	12V/24V DC in	
	Output	12V/24V	
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	
Dimensions (WxHxD)		373 x 390 x 335 mm	
Net Weight		8.30 Kg	

## Ordering Information

Model	Description
EP-265E-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-N270-WT-R/1GB	15" 350cd/m² XGA Panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, RoHS

## 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 (1GB CF Card)	EPCF-265-GM45-XPE-R10 (1GB CF Card)
OS: Windows® WEPOS	EPCF-265E-N270-WEPOSREADY-R10 (1 GB CF Card)	EPCF-265-GM45 WEPOSREADY-R10 (1GB CF Card)