



## Introduction

The ES-1615 open frame PC is mainly focused on the digital kiosk market. It provides the possibility of highly integrated multimedia functions for kiosk applications. In addition, the open frame PC is constructed from a steel open-frame concept so that kiosk providers can design their specific IDs for their own unique uses. Metal open frames make it easy to use mount components from the rear to fulfill NEMA criterion for public installation.

This open frame PC is based on fully integrated multimedia with easy expansion and easy mounting capabilities. The ES-1615 PC consists of a Pentium® III/Celeron™ CPU, a 15" color TFT LCD panel, a PCI Ethernet controller, four COM interfaces and a dynamic 16-bit stereo audio controller. This product also has the option for built-in CD-ROM drive and PCMCIA expansion sockets for users who want that flexibility.

The ES-1615 will use an anti-glare, strengthened glass for the LCD display. As a kiosk product, a touch screen is always the best choice as a human-machine interface. Considering different demands, the strengthened glass can be replaced with Microtouch's capacitive touch screen or Elotouch's SAW (Surface Acoustic Wave) touch screen for navigating kiosk applications.

## Specifications

### • Construction:

Steel frame architecture

### • Cooling system:

One 16 CFM (flow-in) fan on rear panel

### • CPU:

Intel's Pentium® III/Celeron™ up to 850 MHz

### • Memory :

SDRAM up to 256 MB

### • HDD:

One internal 3.5" drive

One external IDE interface as slave device for the internal primary IDE

### • Network (LAN): 10/100Base-T Ethernet port

### • I/O ports:

1 analog VGA output

4 COM ports (RS-232 x 3, RS-232/422/485 x 1)

1 parallel port

1 mouse and KB PS/2 port

Mic-in, Line-in, Line-out and game port

2 USB ports

PCMCIA Type II x2 or Type III x1

### • Bus expansion: 1 expansion slot for half-size PCI/ISA card

### • Option (For OEM orders only)

Compact 24x CD-ROM Drive

### • Power Supply

Output rating: 80 W

Input: 85 ~ 264 VAC @ 47 ~ 63 Hz

Output: +5 VDC @ 12 A +12 VDC @ 1 A

MTBF: 50,000 hours

### Specification of display:

Display Type	15" XGA TFT
Max. colors	256k
Active Area (mm)	304 x 228
Resolution	1024 x 768
Pixel pitch (mm)	0.297 x 0.297
Backlight	2 CCFL
Viewing angle	140
Contrast ratio	300
Luminance	250 (cd/m <sup>2</sup> )
Operating temp.	0 ~50° C
Supply voltage	3.3 V
Backlight MTBF	50,000 hr

- **Touchscreen**

3 mm Elotouch's SAW  
3 mm Microtouch's capacitive

- **Dimensions: 414 mm x 322 mm x 109.5 mm**

- **Weight: 10 kg**

- **Environment**

Operating Temperature: 0 ~ 45° C  
Relative humidity: 10 ~ 95% @ 40° C, non-condensing  
Shock: 10 G peak acceleration  
Safety: FCC/CE Class A approval

### Ordering Information

#### ES-1615G

Intel's Pentium® III/Celeron™ based Open-frame PC with 15" flat LCD + strengthened glass

#### ES-1615C

Intel's Pentium® III/Celeron™ based Open-frame PC with 15" flat LCD + capacitive touchscreen

#### ES-1615S

Intel's Pentium® III/Celeron™ based Open-Frame PC with 15" flat LCD + SAW touchscreen

### Note:

1. Following option is available for OEM orders only.
  - ✓ Compact 24x CD-ROM Drive
2. Intel's Pentium® III/Celeron™ SDRAM module and 3.5" HDD are optional items.

### Dimensions

