

## K-30

- 15.1" TFT LCD (optional 17.1" TFT LCD)
- Supports Intel Pentium III or Celeron processor up to 1.4 GHz
- 2x SDRAM slots for up to 512 MB memory
- Integrated Intel 815 graphics
- Integrated 10/100 network
- Integrated AC'97 audio
- 2 PC Card slots
- 2 PCI expansion slots (optional)
- Resistive, Capacitive, or Surface Wave touchscreen
- Modular dual-box design for flexibility and ease of service



The K-30 Touchscreen Panel PCs are powerful solutions for multimedia systems that require high-performance graphics and visual output. The K-30 is ideal for interactive kiosks, advanced game machines, point-of-information terminals and other high-performance multimedia applications.

### Specifications

#### Construction:

Steel frame construction with cover

#### Processor:

Socket 370, supports Intel Pentium III or Celeron processor, up to 1.4 GHz

#### Chipset:

KS300: Intel 815 EG

#### System Memory:

2 SDRAM DIMM slots (up to 512 MB)

#### HDD:

1x 2.5" HDD bay, 1x Disk-on-Module header

#### Network (LAN):

10/100 Base-T Fast Ethernet interface

#### I/O ports:

4 DB-9 RS-232 serial ports  
1 DB-25 parallel port  
4 USB ports  
1 RJ45 LAN port  
1 DB-15 VGA port  
2 PCMCIA Type II  
Mouse and keyboard ports, PS/2 type  
Mic-in, Line-in, Line-out, Game port

#### Audio:

AC'97 Audio CODEC

#### Bus Expansion:

1 slot for optional PCI expansion box

#### Expansion Box: (optional)

2 PCI slots on riser card module  
1 slim CD/DVD-ROM bay  
1 slim FDD bay

### Power Supply

#### Output rating: 150W

#### Input:

100-240 Vac, 50-60 Hz, 4/2 A

#### Output:

+3.3V/10A, +5V/14A, +12V/4.5A,  
+5Vsb/2A, -5V/0.3A, -12V/0.8A

### Touchscreen

#### Type 1: 5 Wire Analog Resistive

Resolution: Continuous  
Light transmission: 75%  
Durability: 30 million touches

#### Type 2: Capacitive

Resolution: 1024 x 1024  
Light transmission: 85%  
Durability: 20 million touches

#### Type 3: Surface Acoustic Wave

Resolution: 4096 x 4096  
Light transmission: 91%  
Durability: 50 million touches

### LCD Display

**Display type:** TFT Color LCD

**Size (Diagonal):** 15.1 inches (383.5 mm)

**Max. Resolution:** 1024 x 768

**Color depth:** 6-bit, 262,144 colors

**Luminance, white:** 250 cd/m<sup>2</sup>

**Viewing angle:** L/R: 75° / 75°,  
U/D: 55° / 60°

**Operating Temperature:** 0° ~ 50° C

**VR controls:** Brightness

**LCD MTBF:** 50,000 hrs.

**Backlight MTBF:** 25,000 hrs.

### Environmental

**Operating Temperature:** 0° to 45°C,  
10 to 90% RH

**Storage Temperature:** -20° to 75°C,  
10 to 95% RH

#### EMI/EMS:

Meets FCC, CE

#### Safety:

Meets UL/CSA/CE