



Panel PCs



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KIOSK - Industrial Grade Panel PC

Product Overview

The KIOSK is PIII/Celeron based Panel PC, supporting 133MHz FSB CPU, featuring embedded MPEG engine and 3D graphics controller and large video memory up to 64MB. The KIOSK comes standard with TFT LCD, 12.1" (150 nits/250 nits) or 15" (250 nits/350 nits), with option of Touch Screen (Resistive, Capacitive, SAW). The KIOSK is constructed with resilient plastic and installation options such as a desktop stand, wall mounting, and VESA swing arm mounting. Built-in speakers, multi I/O ports, and adjustable stand (30°-47°/60°-90°) makes the KIOSK a good solution for applications such as point of sale (POS), and multimedia information applications.



Key Features

- » High performance PIII 133MHz FSB CPU up to 1.26GHz
- » Complete aluminum die-cast housing
- » Slim and compact design
- » Built-in 3.5" HDD, slim FDD & CD-ROM/DVD-ROM Drives
- » Two expansion slots, built-in speakers
- » Medical approval (option)

Specifications

(*) Optional Items

LCD Panel	TFT LCD 12.1"/14.1"/15.1"	Watchdog Timer	16 time intervals
LCD Resolution	12.1": 800 x 600, 14.1"/15.1": 1024 x 768	Expansion Slot	PCI x 1 & PCI/ISA shared x 1
LCD Brightness	12.1"/14.1"/15.1": 250 nits	Touch Screen*	ELO Resistive, ELO SAW or Micro Touch Capacitive with RS-232 controller
System Chipset	SiS630ST Chipset	Construction	Inside: Heavy-Duty Steel Outside: Fire-proof resilient plastic
CPU*	Socket 370 Intel Tualatin FCPGA up to 126GHz, Pentium III FCPGA 66/100/133 up to 1GHz & Celeron FCPGA 66/100 up to 1.2 GHz	Front Bezel	LED indicators for HDD, LAN, Power IR Wireless Keyboard Receiver (*)
Memory*	1 x 168 pin DIMM socket. SDRAM up to 512MB	Stand	Stand A: 30. -47" Stand B: 60° -90"
Flash Disk*	Support DiskOnChip (32-pin socket)	Color	Black / Beige
Storage Device*	IDE HDD 3.5", Slim type CD-ROM/ DVD -ROM/FDD	Mounting	<ul style="list-style-type: none"> • Panel mount with brackets • Wall mount with swing arm (VESA • mounting holes (100 x 100mm or 75 x 75 mm)(*) • Table mount with swing arm(*) • 12.1"/14.1": 368 x 321.7 x 107.5mm (W x H x D), around 6 kg. • QJ 15.1": 416 x 359 x 120.5mm (W x H x D), around 7 kg.
Display	Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP, Video Memory up to 64MB (sharing system memory)	Dimensions & Weight	
Dual Display*	VGA & RCA TV-out ports supporting Windows O/S mirroring and multiple Dual Display modes	Operating System	DOS 6.22, Windows 95, 98, 98SE, ME, NT, 2000, XP
Ethernet	PHY 8201 RTL 100/10 Base-T auto switch with RJ-45 phone jack	Power Supply	AC 85W, input range 85-264VAC @47-63Hz DC 90W, 9-132VDC(*)
Audio	AC'97 Audio Codec (Line-in, Line-out & MIC-in)	Safety	FCC, CE, UL
Standard I/O Ports	<ul style="list-style-type: none"> • Serial Ports x4 (3 x RS232, 1 x RS232/485) with +5V/12V power output • Parallel Port x 1 supporting SPP/EPP/ECP • External FDD Interface x 1 • PS/2 Keyboard & Mouse x 1 each • DIO: Input x 2, Output x 2 with RJ-11 Phonejack • USB Interface 2 • VGA Interface x 1 • Brightness VR x 1 • Speaker-out, Line-in & MIC x 1 each +5V/+12V power with 8-pin mini DIN 	Environment Specifications:	<ul style="list-style-type: none"> • Operating Temperature: 0° -50° C • Relative Humidity: 10-90%, non-condensing • Shock: 10G peak acceleration • Storage Temperature: -20° -70° C • Spill resistance: Industrial water-proof standard(front panel) • Vibration: 5-7Hz, 0.1 inch double amplitude displacement 17-500Hz, 1.5G acceleration peak to peak

Ordering Information

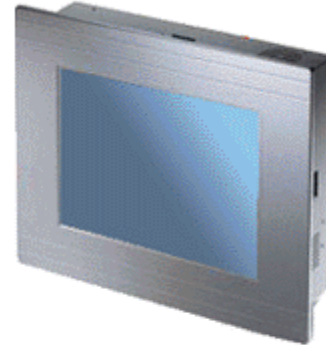
PRODUCT NAME	CONFIGURATION
KIOSK120	<ul style="list-style-type: none">• PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD• 12.1" TFT LCD, LCD Brightness 250 nits, Video Memory up to 64MB, Stand B (Standard) or Stand A (Option)
KIOSK150	<ul style="list-style-type: none">• PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD• 15" TFT LCD, LCD Brightness 250 nits, Video Memory up to 64MB (Sharing system memory), Stand B (Standard) or Stand A (Option)
KIOSK250	<ul style="list-style-type: none">• PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD• 15" TFT LCD, LCD Brightness 250 nits, Video Memory up to 64MB (Sharing system memory), Stand B (Standard) or Stand A (Option)
Note	Upgrade options available at additional cost.

K-OPEN - Industrial Grade Open Frame Panel PC

Product Overview

The K-OPEN system is an ideal solution platform for any customized KIOSK integration and industrial automation. It is fully configurable and its versatile front bezel meets industrial waterproof standards. Multi-I/O ports make it convenient to add peripheral devices. The K-OPEN with Aluminum bezel is mainly designed for various KIOSK integrations or panel mounting on any industrial floor. Optional kits for VGA & RCA TV-out ports support mirroring & multiple Dual-Display modes by Wind.

The K-OPEN is designed with various multi I/O ports and two expansion slots (1xPCI & 1xPCI/ISA shared). The K-Open comes with different front bezels, small, big and aluminum, and the aluminum front with sleek design is ready for panel mounting without need of any customized bezel. The K-OPEN is definitely an excellent choice for interactive KIOSK, POI (point of information), POS (point of sale) and factory automation



**SILVER ALUMINUM
ALLOY BEZEL**

Key Features

- » Supports PIII 133MHz FSB CPU up to 1.26GHz
- » Two expansion slots capabilities
- » Built-in 3.5" HDD, slim FDD & CD-ROM/DVD-ROM
- » Versatile front bezel options
- » IP-65 Approved

*(Aluminum Bezel is now available in Silver! ** Vesa Mount with Swing arm is available.)*

Specifications

(*) Optional Items

LCD Panel	TFT LCD 12.1"/14.1"/18.1"	Watchdog Timer	16 time intervals
LCD Resolution	12.1": 800 x 600, 14.1"/15.1"/18.1": 1024 x 768	Expansion Slot	PCI x 1 & PCI/ISA shared x 1
LCD Brightness	12.1"/14.1"/15.1": 250/350 nits 18.1": 350 nits	Touch Screen*	5 wire Resistive, ELO SAW or Micro Touch Capacitive with RS-232 controller
System Chipset	SiS630ST Chipset	Construction	Heavy-Duty Steel
CPU*	Socket 370 Intel Tualatin FCPGA up to 126GHz, Pentium III FCPGA 66/100/133 up to 1GHz & Celeron FCPGA 66/100 up to 1.2 GHz	Front Bezel	LED indicators for HDD, LAN, Power IR Wireless Keyboard Receiver (*)
Memory*	1 x 168 pin DIMM socket. SDRAM up to 512MB	Front Bezel	<ul style="list-style-type: none"> • Small Bezel, Big Bezel (Steel, Beige) • Aluminum Bezel (Aluminum, Black)
Flash Disk*	Support DiskOnChip (32-pin socket)	Color	Chassis: Beige
Storage Device*	IDE HDD 3.5", Slim type CD-ROM/ DVD-ROM/FDD	Mounting	Panel mount with brackets
Display	Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP. Video Memory up to 64MB (sharing system memory)	Dimensions & Weight	<ul style="list-style-type: none"> • 12.1"/14.1": 365 x 294 x 103.5 mm (W x H x D), around 6 kg. • 15.1": 408 x 331 x 111.5 mm (W x H x D), around 7 kg. • 18.1": 458 x 376 x 130 mm (W x H x D), around 8 kg.
Dual Display*	VGA & RCA TV-out ports supporting Windows O/S mirroring and multiple Dual Display modes	Operating System	DOS 6.22, Windows 95, 98, 98SE, ME, NT, 2000, XP
Ethernet	PHY 8201 RTL 100/10 Base-T auto switch with RJ-45 phone jack (18.1" system support Wake On LAN)	Power Supply	<ul style="list-style-type: none"> • AC 85W, input range 85-264VAC @47-63Hz • 18.1" system built-in ATX power supply, input range 100-240VAC @50-60Hz • DC 90W, 9-132VDC(*)
Audio	AC'97 Audio Codec (Line-in, Line-out & MIC-in)	Safety	FCC, CE, UL

Standard I/O Ports

- Serial Ports x4 (3 x RS232, 1 x RS232/485) with +5V/12V power output
- Parallel Port x 1 supporting SPP/EPP/ECP
- External IDE port Interface x1 for HD or CD-ROM
- External FDD Interface x 1
- PS/2 Keyboard & Mouse x 1 each
- Compact flash Socket (P-Open 180)
- DIO: Input x 2, Output x 2 with RJ-11 Phonejack
- USB Interface 2
- VGA Interface x 1
- Brightness VR x 1
- Speaker-out, Line-in & MIC x 1 each
- +5V/+12V power with 8-pin mini DIN

Environment Specifications:

- Operating Temperature: 0° -50° C
- Relative Humidity: 10-90%, non-condensing
- Shock: 10G peak acceleration
- Storage Temperature: -20° -70° C
- Spill resistance: Industrial water-proof standard(front panel)
- Vibration: 5-7Hz, 0.1 inch double amplitude displacement 17-500Hz, 1.5G acceleration peak to peak

Ordering Information

PRODUCT NAME	CONFIGURATION
K-OPEN120	<ul style="list-style-type: none"> • PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD • 12.1" TFT LCD, LCD Brightness 250 nits, Video Memory up to 64MB (Sharing system memory), Small (S) / Big (B) Bezel / Aluminum (A) (Option)
K-OPEN150	<ul style="list-style-type: none"> • PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD • 15.1" TFT LCD, LCD Brightness 250 nits, Video Memory up to 64MB (Sharing system memory), Small (S) / Big (B) Bezel / Aluminum (A) (Option)
K-OPEN170	<ul style="list-style-type: none"> • PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD • 17" TFT LCD, LCD Brightness 350 nits, Video Memory up to 64MB (Sharing system memory), Small (S) / Big (B) Bezel / Aluminum (A) (Option)
K-OPEN180	<ul style="list-style-type: none"> • PIII 1GHz CPU/256 MB RAM/40 GB HDD/24x CD-ROM/1.44MB FDD • 18.1" TFT LCD, LCD Brightness 350 nits, Video Memory up to 64MB (Sharing system memory), Small (S) / Big (B) Bezel / Aluminum (A) (Option)
Note	<ul style="list-style-type: none"> • Upgrade options available at additional cost. • Aluminum bezel is available in Black and Silver. Small and Big bezels are available in Beige only.

Options



Wireless Keyboard

Using the wireless keyboard, the KIOSK can act as a office desktop computer or terminal to operate under Windows NT/2000/XP. Addition of a wireless keyboard greatly increases the configuration flexibility of any KIOSK system.

- » For IBM Compatibles (PS/2 or AT)
- » RS-232 mouse converter (from PS/2)
- » 85/86 keys with 104/105 keyboard layout
- » Embedded numeric keypad (with Fn key)
- » Low battery warning (LED)
- » 64 selectable IR channels (multiple devices)
- » Ergonomically designed for comfort and ease-of-use
- » 2-AA batteries required (3Vdc)
- » 7 meter (21 feet) operational range
- » 80 angle (line-of-sight) operational area
- » Dimension: 14" x 7" (L x W)

Available in Color Charcoal only



Wall mount VESA Arm

On the back of the KIOSK, there are a set of VESA holes for market-available wall mount or swing arms for mobile application.

- » Standard VESA Mounting Holes (75mm/100mm)



Table Mount VESA Arm

An optional table mount VESA arm to fix the KIOSK to a table.

- » Standard VESA Mounting Holes (75mm/100mm)



Customer Display & Magnetic Card Reader

When configured with a customer display and magnetic card reader, the KIOSK can act as a professional POS terminal. With its sleek appearance, it is the best order-entry system for hospitality enterprises such as restaurants, hotels, and fast-food establishments.

Customer Display

- » Vacuum fluorescent display
- » Display pattern: 5 x 7 dot matrix
- » Character type: 95 Alphanumeric & 32 International characters
- » Dimension: 225 x 50 x 92 mm (W x D x H)
- » Viewing angle: Maximum 45°
- » Interface: RS-232

Available in blue-green color

Video Capture Card



The video capture card is a surveillance card which displays real time security video image windows on your monitor screen.

- » Supports NTSC video formats
- » Up to 8 Composite Video input
- » Good image quality
- » Color or gray image
- » Transmits video via the Internet
- » Low system cost
- » Average compression rate up to 70
- » Supports planner YUV data format