

P-Open (RoHS)



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Overview

The P-OPEN with RoHS solution is Panel PC with AMD K7 and P4 platforms and comes standard with 12.1", 15", 17" and 19" TFT LCD and with an option of touch screen. It features onboard graphics, audio, 10/100 Base-T Ethernet and memory up to 256MB SDRAM (P3) and 1GB DDR (P4) capacity. The P-OPEN has the space for built-in HDD, FDD, CD and DVD-ROM. It's compliant with IP65.

Target markets

P-Open is ideal for Entertainment, Medical Service, Lottery, Hospital Bedside Service Application, Store Automation, Computer Automation Controller use. With the efficiency, low consumption, is artistic as well as platform for easy operation.

Key Features

- RoHS available
- Heavy-Duty Steel meet IP65
- Variety panel sizes(12"/15"/17"/19")
- With UL/CE/FCC approval
- Anodised aluminum bezel in option
- Modular design

Specifications

System Platform:	AMD K7	Pentium IV
LCD Size:	12.1"/ 15"/ 17"/19"	12.1"/ 15"/ 17"/19"
LCD Resolution:	12.1" - 800 x 600 15" - 1024 x 768 17" - 1280 x 1024 19" - 1280 x 1024	
LCD Brightness:	12.1" - 340 nits, 15" - 250 nits, 17" - 300 nits, 19": 350 nits	
Touch Screen:	5-wire Resistive, Surface Acoustic Wave Touch(Optional)	
Chipset:	VIA KN400A + 8237R Plus	INTEL 845GV+ ICH4

Main board:	Flex-623 (Rev:1.02)	Flex-845 (Rev:1.11)
CPU:	Socket 462 processors FSB 66/100/133MHz , DDR400 AMD Geode NX1750(1.4G) /NX1500(1.0G)/ NX1250(667MHz)	Socket 478 processors FSB 400/533MHz , DDR333, Pentium® 4 up to 3.06GHz Celeron up to 2.5GHz
Memory:	256MB – 1GB (1x 184-pin DDR)	
Display:	Integrated VGA/LCD Controller, 2D/3D GUI engine, Sharing memory architecture up to 64 MB	
Drive Bays:	1 x HDD 3.5", 1x Slim CD-ROM/DVD-ROM Drive, 1 x Slim FDD	
Compact Flash:	Compact Flash socket type II (option)	
Watchdog Timer:	256-level intervals	
Ethernet:	Onboard Realtek 8101L 10/100 LAN	
Audio:	Onboard AC' 97 Audio Codec (Line-in, Line-out & Mic-in)	
I/O Ports:	4 x Serial (3 x RS232, 1x RS-232 / 422 / 485), COM 1/2/4 +5V/12V power output on pin 9	
	6x USB 2.0 (4 x back I/O, 2 x onboard)	
	1 x PS/2 Keyboard , 1 x PS/2 Mouse	
	1 x DIO (Input *2; Output *2) with 1 x RJ-11 Phone Jack	
	6x USB 2.0 (4 x back I/O, 2 x onboard)	
	1 x VGA Interface for second display, 1 x Parallel (SPP/EPP/ECP)	
	1 x Speaker-out, 1 x Line-in & 1 x MIC-in, Built-in Speakers	
Expansion Slot:	2 x PCI	
Power Supply:	ATX 180w,100~240VAC @50~60Hz	
Construction:	Heavy-Duty Steel(IP65)	
Front Bezel:	Big bezel, Small bezel, Aluminum bezel black/silver gray (option)	
Chassis Color:	White/Black	
Mounting:	Panel mounted	
Dimensions/Weight:	12.1" : 392.2 x 299 x 96.2 mm (W x H x D), 8.4 kg (bare bone)(Small Bezel) 15" : 407.71x 331.49 x 98 mm (W x H x D), 9.4 kg (bare bone)(Small Bezel) 17" : 445.2 x 377.6 x 101.2 mm (W x H x D) , 11.5 kg (bare bone)(Small Bezel) 19" : 483.51 x 408.13 x 104.2 mm (W x H x D) , 13.6 kg (bare bone)(Small Bezel) 12.1" : 432.2 x 335 x 98.2 mm (W x H x D), 8.4 kg (bare bone)(Aluminum Bezel) 15" : 447.71 x 371.09 x100 mm (W x H x D), 9.4 kg (bare bone) (Aluminum Bezel) 17" : 485.6 x 418 x 103 mm (W x H x D) , 11.5 kg (bare bone)(Aluminum Bezel) 19": 523.91 x 448.53 x 106 mm (W x H x D) , 13.6 kg (bare bone) (Aluminum Bezel) 12.1" : 432.2 x 335 x 96.2 mm (W x H x D), 8.4 kg (bare bone)(Big Bezel) 15" : 447.71 x 371.09 x 98 mm (W x H x D), 9.4 kg (bare bone)(Big Bezel) 17" : 485.6 x 418 x 101.2 mm (W x H x D) , 11.5 kg (bare bone)(Big Bezel)	

	19" : 523.91 x 448.53 x 104.2 mm (W x H x D) , 13.6 kg (bare bone)(Big Bezel)
O/S:	Windows 2000/XP
Safety & EMI:	FCC, CE