



VRM-POP-150L6S

Product Datasheet

Overview:

The **VRM-POP-150L6S** is an Industrial Open-Frame TFT LCD Touch Panel PC. It is available with P3 and P4 platforms and comes standard with 12.1", 15" and 17" TFT LCD and an option of touch screen. It features on board graphics, audio, 10/100 Base-T Ethernet and memory up to 512MB SDRAM (P3) and 2GB DDR (P4) capacity that makes the **VRM-POP-150L6S** powerful for the latest software and various applications. The **VRM-POP-150L6S** also has the space for built-in HDD (3.5"), FDD (slim), CD/DVD-ROM drive (Slim) and two expansion slots for flexibility. It is compliant with IP65, an open-frame construction with 3 different designs of front bezel: small, big and aluminium, that give installation and integration flexibility for applications of KIOSK, POI and automation. It is beige in color.



Features:

System Platform

LCD Size

LCD Resolution

LDC Brightness

Touch Screen

Chipset

CPU

Pentium III

12.1",15",17" TFT LCD

12.1": 800x 600, 15": 1024 x 768, 17": 1280 x 1024

12.1": 100 nits, 15": 250 nits, 17": 250 nits (standard)

5-wire Resistive, Surface Acoustic Wave Touch

SiS630ST

Socket 370 processors

Pentium®II (Tualatin) up to 1.5GHz

Pentium®III up to 1GHz

Celeron™ up to 1.5GHz

Pentium 4

12.1",15",17" TFT LCD

12.1": 800x 600, 15": 1024 x 768, 17": 1280 x 1024

12.1": 100 nits, 15": 250 nits, 17": 250 nits (standard)

5-wire Resistive, Surface Acoustic Wave Touch

SiS 651+SiS962

Socket 478 processors

Pentium®4 up to 3.06 GHz



Features (continuation):

	Pentium III	Pentium 4
System Platform	Pentium III	Pentium 4
Front Side Bus	66/100/133MHz	400/535MHz
Memory	32MB - 512MB (1 x 168pin SDRAM) Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP, Video Memory up to 64MB (sharing system memory) LCD resolution:640x480,800x600,1024,768 Direct drive max 24 bits TTL/CMOS, TFTLCD With scaling board 48bits TTL/CMOS, TFT LCD	128MB – 2GB (2 x 184-pin DDR) Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP, Video Memory up to 64MB (sharing system memory) LCD resolution:640x480,800x600,1024x767,1280x1024, 1600x1200 Direct drive max. 24 bits TTL/CMOS/TFT LCD With scaling board 48bits TTL/CMOS, TFT LCD With SiS302LV board for LVDS LCD and TV function.
Dual Display	With LVDS board for LVDS LCD	N/A
Flash Disk	DiskOnChip socket available	N/A
Drive Bays	1xHDD 3.5", 1xSlim CD-ROM/DVD-ROM drive, 1 x Slim FDD	1xHDD 3.5", 1xSlim CD-ROM/DVD-ROM drive, 1 x Slim FDD
Compact Flash	N/A	Socket available (type III)
Watchdog Timer	64-level intervals	64-level intervals
Ethernet 1	Onboard Realtek 8201BL PHY 10/100Base T	Onboard Realtek 8201BL PHY 10/100Base-T
Ethernet 2	N/A	Onboard Realtek 8101L 10/100Base-T
Audio	Onboard AC '97 Audio Codec (Line-in, Line-out & Mic-in)	Onboard AC '97 Audio Codec (Line-in, Line-out & Mic-in)
I/O ports	4 x serial (2x RS232, 1 x RS-232/485) +5V/12V power output on pin 1 or pin 9 1 x Parallel (SPP/EPP/ECP) 1 x External IDE Interface 1 x External FDC Interface 1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x DIO (input x 2; Output x 2) with 1 x RJ-12 Phone jack 4 x USB 1.0 (2x back I), 2 x onboard)	4 x serial (2x RS232, 1 x RS-232/422/485) +5V/12V power output on pin 9 1 x Parallel (SPP/EPP/ECP) N/A N/A 1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x DIO (input x 2; Output x 2) with 1 x RJ-12 Phone jack 4 x USB 2.0 2 x IEEE 1394 1 x VGA interface for second display 1 x Brightness VR 1 x Speaker-out, 1 x Line-in & 1 x Mic-in
Expansion Slot	1 x DC-out connector (+5V/+12V) 1 x PCI & 1 x PCI/ISA (shared)	N/A 2 x PCI
Power Supply	ATX150W, 100-230VAC @ 47-63Hz Optional 24V DC Power Supply	ATX200W, 100-230VAC @ 47-63HzAC 100-240V (Universal) via external DC 19V adapter (12.1"only)
Construction	Heavy duty steel. Aluminium Black/Silver	Heavy duty steel. Aluminium Black/Silver
Front Bezel	Small metal, beige (12.1",15",17"), Big Metal, Beige (12.1", 15")	Small metal, beige (12.1",15",17"), Big Metal, Beige (12.1", 15")
Vibration	5-500Hz, X/Y/Z displacement. 5-500Hz power spectrum density. 1G acceleration peak to peak	5-500Hz, X/Y/Z displacement. 5-500Hz power spectrum density. 1G acceleration peak to peak
Mounting	Panel Mounted	Panel mounted
Dimensions	12.1" : 365 x 294 x 103.5mm (WxHxD) 15" : 408 x 331 x 111.5mm (WxHxD) 17" : 444 x 376 x 130 mm (WxHxD)	12.1" : 365 x 294 x 103.5mm (WxHxD) 15" : 408 x 331 x 111.5mm (WxHxD) 17" : 444 x 376 x 130 mm (WxHxD)
O/S	Windows98,98SE,ME, NT,2000,XP	Windows98,98SE,ME, NT,2000,XP
Safety	FCC,CE, UL	FCC,CE, UL
Temperatures	Operating: 0°C-40°C/ Storage: 0°C-60°C	Operating: 0°C-40°C/ Storage: 0°C-60°C
Relative Humidity	10-90% , non-condensing	10-90% , non-condensing