

PV-8150X

*X86 CPU Core touch panel computer
with 15.0" XGA TFT display*



【 Introduction 】

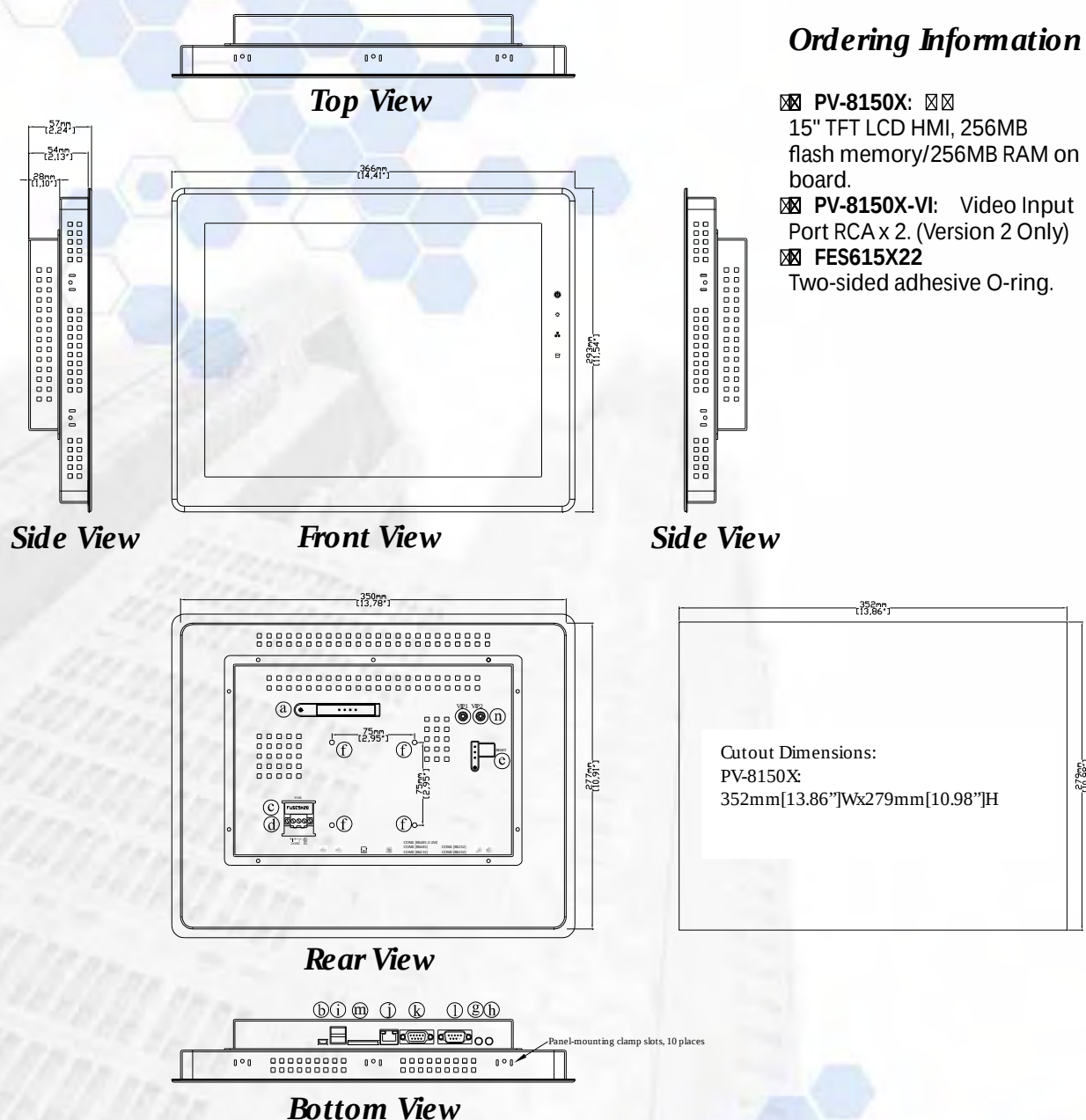
PV-8000 series is the HMI generation of NemaVision-iPC. With the design concept of meeting customers' satisfaction while easy-to-Use attribute as before, a PV-8000 not only performs as a Human Machine Interface but also plays as a role of data exchange center. Through the most popular Ethernet connection, data can be shared among PV-8000s without limitation and any SCADA/HMI software on the PC can simply access data from PV-8000s. PV-8000 series is the best choice for your requirement tomorrow.

PV-8150X version 2 supports MPI 187.5K

【 Specifications 】

Hardware Specification			
Display	15.0" TFT		
Brightness	350 cd/m ²		
Color	65,536 colors		
Contrast Ratio	550:1		
Resolution (W x H dots)	1024 x 768		
Back Light	CCFLx2		
CCFL Life Time	50,000 hr. min.		
Touch Panel	4 wires resistive type		
Touch Accuracy	Active Area Length(X)±2%, Width(Y)±2%		
Surface Hardness	4H		
I/O port	COM1 (RS-232/RS-485 2W/4W), COM2(RS-232), COM3(RS-232/RS-485 2W),1 Ethernet port (10/100 Base-T)		
Video Input Port	NTSC/PAL RCA x 2 (Version 2 Only)		
USB Host	2 USB 2.0 Full Speed Host Port		
Audio	Audio Line Out x 1, MIC In x 1		
Processor	x86 500MHz processor		
Storage	256MB D.O.M		
DRAM	256MB on board DDR-400MHz SDRAM		
SD card slot	Support SDHC/SD		
RTC	Built-in (CR2032 3V/lithium battery backup.)		
General Specification			
Input Power	24±10% VDC (21.6~26.4VDC) (Power Isolator Inside.)		
Power Consumption	1.6 A@24VDC		
CE/FCC	Complies with EN 55022: 1998+A1: 2000+A2: 2003 Class A, EN 61000-3-2: 2000+A2: 2005,EN 61000-3-3: 1995+A1: 2001, EN 55024: 1998+A1: 2001+A2: 2003		
Voltage Resistance	500VAC(1 min.)		
Isolation Resistance	Exceed 50MΩ at 500VDC		
Vibration Endurance	10 to 25 Hz (X,Y,Z direction 2G30mins)		
Protection Structure	IP65 front panel (O ring seal)		
Storage temperature	-20° ~ 60°C (-4° ~ 140°F)		
Operating Temperature	0°~50°C (32° ~ 122°F)		
Operation Humidity	10-90% RH (non –condensing)		
Enclosure	Aluminum		
Dimensions WxHxD	366 x 293 x 57mm		
Panel Cutout Dimensions	352 x 279 mm		
Weight	Approx. 2.9 kg		
Operating System			
Operating System	EB8000 V4.1.0 or Newer		

Dimensions of PV-8150X



a	IDE interface (DOM slot)	i	USB Host port x 2
b	Mini USB	j	Ethernet port 10/100 Base-T
c	Fuse	k	Com1 RS485, Com3 RS485, Com3 RS232
d	Power connector	l	Com1 RS232, Com2 RS232
e	Reset button	m	SD CARD SLOT
f	VESA 75mm screw holes	n	Video Input Port x 2 (Version 2 Only)
g	Mic In		
h	Line Out		