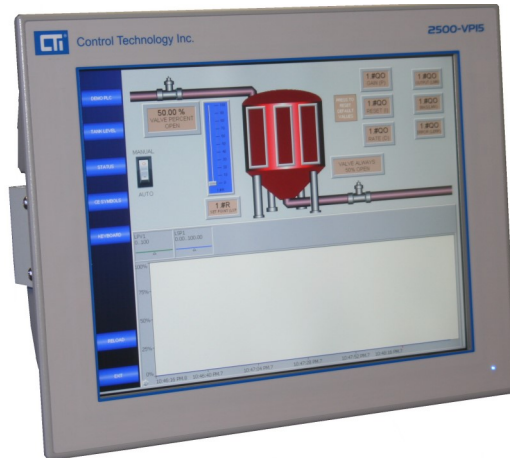


## 2500 Series® Flat-Panel PCs with Windows® 7 Embedded



### Description

2500 Series® Flat-Panel PCs make a good platform for integrating your own Windows® 7 based HMI applications into 2500 Series® Systems. The panels are based on the latest Intel Atom processor technology and feature a high-brightness LCD panel for easy readability under industrial conditions. The Windows® 7 Embedded operating system allows installation and operation of any Windows® 7 compatible application.

<b>CPU</b>	Intel® Atom™ N270 1.6GHz
<b>Memory</b>	2GB DDR2 SDRAM
<b>Chipset</b>	Intel® 945GSE + ICH7M
<b>Network</b>	2 x Realtek RTL8111B 10/100/1000Base-T
<b>Storage</b>	CompactFlash Type II Socket with 8GB
<b>LCD Display</b>	15" TFT LCD
<b>Resolution</b>	1024 x 768, XGA
<b>Backlight Life</b>	50,000 hours
<b>Luminance</b>	550 cd/m <sup>2</sup>
<b>Touch Screen</b>	8-wire, resistive
<b>Other Ports</b>	PS2 Keyboard/Mouse USB 2.0 (2 ports) Serial (4 ports)
<b>Power</b>	24VDC +/-10%, 2A

### Environmental

Operating temp	0 to +50C
Storage temp	-20 to +60C
Humidity	10% - 95% noncondensing
Vibration	1Grms
Ingress	NEMA4, IP65

### Mechanical

Dimensions	390 x 52.3 x 310mm 15.35 x 2.06 x 12.2 in
Weight	4.4kg (9.7 lb)

### Shipping

Dimensions	500 x 200 x 460mm 20 x 8 x 18 in
Weight	7kg (15 lb)

### Approvals

UL, UL-C, CE  
Class 1 Div 2 (pending)

### Warranty

2 years

### Software Specifications

#### Operating System

Windows® 7 Embedded

### Hardware Specifications



**Control Technology Inc.**

5734 Middlebrook Pike, Knoxville, TN 37921-5962  
Phone: +1.865.584.0440 Fax: +1.865.584.5720  
www.controltechnology.com

# 2500 Series<sup>®</sup> Flat-Panel PCs with Windows<sup>®</sup> 7 Embedded

## Maintenance and Support Options

Standard warranty included with 2500 Series<sup>®</sup> HMI Panels consists of 2yr warranty on hardware and 60 days warranty/upgrades on software. BASIC SUPPORT is included at no additional charge.

### BASIC SUPPORT

- Free lifetime support by email is standard on all HMI panels. All BASIC SUPPORT requests are processed in the order they are received.

### EXTENDED HARDWARE WARRANTY

- Available in 1yr, 2yr, 3yr terms
- Must be purchased within 60 days of the ship date of the HMI panel
- Extends your hardware warranty for 1, 2, or 3 years
- Includes advanced replacement for warranty hardware failures (2 business days), UPS ground shipment (United States only)

## Ordering information

### HMI Panel

2500-VP15-N4-W7                      15" Flat-Panel PC, Windows<sup>®</sup> 7 Embedded, NEMA4

### Accessories

2500-VP-PS                              65W 110/220 VAC Power Supply  
NOTE: any 24V +/- 10%, 2A power supply can be used  
2500-VP-PSC                            3-pin power supply connector  
2500-VP-VESA-ADPT-KIT              VESA mount bracket kit

### Maintenance and Support

2500-VP15-EXW1                      Extended Hardware Warranty, 1-year (total warranty 3 years)  
2500-VP15-EXW2                      Extended Hardware Warranty, 2-years (total warranty 4 years)  
2500-VP15-EXW3                      Extended Hardware Warranty, 3-years (total warranty 5 years)