

## Features

### Chapter Objectives

This chapter provides information on the following topics:

- [Computer Overview](#)
- [Operating Systems](#)
- [Computer Options](#)
- [Before You Begin](#)
- [Parts List](#)
- [Hardware Features](#)

### Computer Overview

Integrated display industrial computers combine a TFT flat-panel display with industrial computing power for performing visual interface, maintenance, and basic information applications. These panel mount devices offer 12-, 15-, and 17-inch displays with a resistive touch-screen option for operator input, and a solid state or hard disk drive. A non-display version is also available.

These computers are available in standard and performance models. Performance models have aluminum or stainless steel bezels, both with a flush design to reduce debris build-up around the display. Aluminum bezels offer application access through a lockable, front-accessible USB 2.0 port. Optional stainless steel bezels are available to fulfill NEMA 4X requirements.

By combining industrially hardened displays and computers in a single machine, these panel mounted computers provide an entire solution in one chassis and catalog number. Because there are no external display cables or separate component mounting requirements, system integration is simplified.

## Operating Systems

The following Microsoft-licensed operating systems are available:

- Windows 7 Professional (32 bit)
- Windows XP Professional, Service Pack 3
- Windows Embedded Standard (WES) 2009

### Computers with Windows XP Professional Operating System

- No operating system updates have been applied to the factory image beyond Service Pack 3.
- The I386 source directory for Microsoft Windows is on the system drive of your computer off the root directory, C:\I386. This allows for easy removal and addition of Windows components.

### Computers with WES 2009 Operating System

- All operating system updates have been applied as of September 2009.
- Computers include a utility for configuring the Enhanced Write Filter (EWF) and Hibernate Once, Restore Many (HORM) features. Refer to the EWF and HORM Configuration Utility for Rockwell Automation Computers Technical Data, publication [6000-TD003](#), for instructions.

Computers with HDDs include a recovery partition with the original factory image. Refer to the Cloning Utility for Rockwell Automation Industrial Computers Technical Data, publication [6000-TD002](#), for instructions.

To obtain a copy of a factory system image, contact your local technical support center or access the Rockwell Automation Product Compatibility and Download Center (PCDC) at <http://www.rockwellautomation.com/support/pcdc.page>.

## Computer Options

This table summarizes the options available for the integrated display industrial computers. A comparative summary of features for the computers is in Appendix A, [Specifications on page 61](#).

**Table 1 - Integrated Display Industrial Computers**

Cat. No.	Model	Series	Display Size (in.)	Storage	Touchscreen	Package	Windows OS			
6181F-2PW7	NDM	E	N/A	SSD	N/A	Performance	7 Professional 32 bit			
6181F-2PW7DC <sup>(1)</sup>										
6181P-2PW7				HDD						
6181P-2PW7DC <sup>(1)</sup>										
6181P-2PXP								XP Professional SP3		
6181P-2PXPDC <sup>(1)</sup>										
6181F-12TPW7	1200P	E	12.1	SSD	Yes	Performance	7 Professional 32 bit			
6181F-12TPW7DC <sup>(1)</sup>										
6181F-12TPWE				WES 2009						
6181F-12TPWEDC <sup>(1)</sup>										
6181F-12TPXP								XP Professional SP3		
6181F-12TPXPDC <sup>(1)</sup>										
6181F-12TSXP				Standard	WES 2009					
6181F-12TSWE										
6181P-12NSXP				HDD	No	XP Professional SP3				
6181P-12NXP										
6181P-12TPW7				Yes	Performance	7 Professional 32 bit				
6181P-12TPW7DC <sup>(1)</sup>										
6181P-12TPXP							XP Professional SP3			
6181P-12TPXPDC <sup>(1)</sup>										
6181P-12TSXP							Standard			
6181F-15TPW7							1500P	E	15	SSD
6181F-15TPW7DC <sup>(1)</sup>										
6181F-15TPW7SS <sup>(2)</sup>				WES 2009						
6181F-15TPWE										
6181F-15TPWEDC <sup>(1)</sup>										
6181F-15TPWESS <sup>(2)</sup>	XP Professional SP3									
6181F-15TPXP										
6181F-15TPXPDC <sup>(1)</sup>	Standard	WES 2009								
6181F-15TPXPSS <sup>(2)</sup>										
6181P-15NSXP	HDD	No	XP Professional SP3							
6181P-15NXP										
6181P-15TPW7	Yes	Performance	7 Professional 32 bit							
6181P-15TPW7DC <sup>(1)</sup>										
6181P-15TPW7SS <sup>(2)</sup>				XP Professional SP3						
6181P-15TPXP										
6181P-15TPXPDC <sup>(1)</sup>				Standard						
6181P-15TPXPSS <sup>(2)</sup>										
6181P-15TSXP	Standard									