

# Integrated Display Computers

## Performance and Standard Models

### Bulletin 6181F/6181P 1200P, 1500P, 1700P

Your application is only as reliable as the computer that runs it. When you choose Rockwell Automation® Integrated Display Computers, you benefit from the same quality and reliability you have come to expect from Allen-Bradley® products. You can depend on the Rockwell Automation Industrial Computers products – the open computing platform of our Integrated Architecture® – to keep your operations running in today's harsh industrial environments and well into the future.

We have expanded our offering so you can choose the most cost-effective options – matched to your application and reliability requirements.

Take advantage of:

- Options that keep pace with the latest technology.
- Options that incorporate the features you need in the platform most suited for your application.
- Options backed by industry leading, global sales and support.

Choose between our performance and standard integrated display offering of computers. These rugged industrial platforms combine a fanless design with increased temperature specifications and powerful computing performance. Robustness is also enhanced through reduction in cables and connectors, industrial component selections, and the usage of ultra low voltage processors. Choose between our 6181P which incorporates 24 hour 7 days a week rated continuous duty hard disk drive or our 6181F "mission critical" solid state drive model. Available in 12", 15" and 17" display sizes with resistive touchscreen options.



### Performance Models

Performance models are equipped with the latest technology features designed to meet the most demanding integrated display computing needs.

- Experience **optimum computing performance** with a Core Duo 1.2 GHz processor and 4 GB DDR2 memory.
- Conveniently access your applications through the **lockable front accessible USB 2.0 port** (aluminum bezel only).
- A **flush bezel design** reduces the build-up of debris around the display.
- **Expansion options** are available through a PCI slot and ability to add PCI express or additional PCI through an accessory kit.
- Help reduce maintenance time with **easily accessible** hard disk drives, memory and PCI slots.
- Utilize a **stainless steel bezel** option to fulfill NEMA 4X requirements.
- Eliminate all moving parts by combining a solid state option with the **fanless design** for a highly robust integrated display computer.

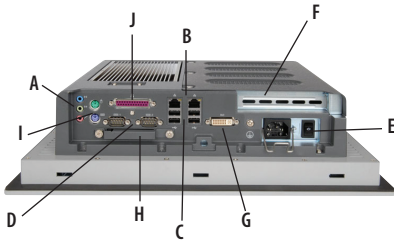
### Standard Models

Standard models provide essential features you need at the right value for most visual interface and basic information applications.

- Experience **high computing performance** with a Celeron M 1.06 GHz processor and 2 GB DDR2 memory (expandable up to 4 GB).
- Help reduce maintenance time with **easily accessible** hard disk drives and memory.
- Eliminate all moving parts by combining a solid state option with the **fanless design** for a highly robust integrated display computer.

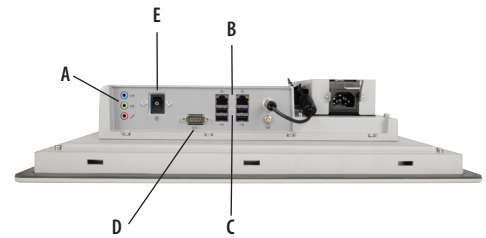
LISTEN.  
THINK.  
SOLVE.®

## Performance



New Features	
A	Audio Line In/Out and Microphone
B	Two 10/100/1000 Ethernet Ports
C	Four USB 2.0 Ports
D	RS232 Port
E	Power Switch
F	PCI Expansion
G	DVI-I
H	Hot Swappable Compact Flash
I	PS2
J	Parallel Port

## Standard



# Integrated Display Computer Specifications

(For up-to-date specifications, accessories, drivers, manuals and service information, visit [www.ab.com/industrialcomputers](http://www.ab.com/industrialcomputers).)

Description	Performance			Standard		
	1200P*	1500P	1700P	1200P	1500P	1700P
	Industrial computer with flat panel display			Industrial computer with flat panel display		
Display Type & Size	12.1" color TFT	15" color TFT	17" color TFT	12.1" color TFT	15" color TFT	17" color TFT
Resolution	800 x 600	1024 x 768	1280 x 1024	800 x 600	1024 x 768	1280 x 1024
Touchscreen Option	Resistive anti-glare			Resistive anti-glare		
Bezel Types	Aluminum	Aluminum and Stainless Steel		Aluminum		
System Components Expansion Slots	2 half-length PCI †, 1 compact flash	1 half-length PCI †, 1 compact flash	1 half-length PCI †, 1 compact flash	N/A		
Processor Types	Core Duo 1.2 GHz			Celeron M 1.06 GHz		
RAM	4 GB DDR2			2 GB DDR2		
Hard Drive	40 GB (rotating media) or 16 GB compact flash (solid state)			40 GB (rotating media) or 16 GB compact flash (solid state)		
Removable Media	DVD-RW/CD-RW			N/A		
I/O	2 PS/2 (keyboard/mouse), 4 USB 2.0 (rear accessible), 1 USB 2.0 (front accessible Aluminum bezel only), 2 10/100/1000 Ethernet, 1 parallel port, 2 serial ports, 1 DVI-I, audio in/out and microphone			4 USB 2.0, 2 10/100/1000 Ethernet, 1 serial port, audio in/out and microphone		
Operating Systems	Windows® XP Professional, Windows Embedded Standard 2009**			Windows XP Professional, Windows Embedded Standard 2009**		
Electrical and Environmental Power Requirements	100-240V AC, autoranging; 47-63 Hz 18-32V DC option			100-240V AC, autoranging; 47-63 Hz		
Operating Temp	0-55 °C (32-131 °F)	0-55 °C (32-131 °F)	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)		
Vibration-Operating	1.0 g (rotating media) 1.5 g (SSD)			1.0 g (rotating media) 1.5 g (SSD)		
Shock Operating	15 g			15 g		
Certifications	UL listed, CE marked, C-tick			cULus listed, CE marked, C-tick		
Ratings	NEMA 1/12/4/4X (stainless), IP66			NEMA 1/12/4, IP66		
Mounting Options	Panel mount			Panel mount		
Dimensions Overall (H x W x D)	279 x 349.3 x 132 mm (11 x 13.75 x 5.20")	309 x 410 x 109 mm (12.17 x 16.14 x 4.29")	356 x 452 x 110 mm (14 x 17.80 x 4.33")	279 x 349.3 x 103 mm (11 x 13.75 x 4")	309 x 410 x 103 mm (12.17 x 16.14 x 4")	356 x 452 x 103 mm (14 x 17.80 x 4")

\* Non-display version of Performance 1200P available.

\*\* Windows Embedded Standard 2009 available on solid state models only.

† Accessory kit available for PCI or PCI express expansion.

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