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Find the *Rockwell / Allen-Bradley 6181X-12TPXPDC* at our website: *Click HERE*

1200XT Panel PC

Industrial computers for extreme environments and hazardous locations

XT: It's a System

The 1200XT Panel PC is the newest member of the Rockwell Automation extreme environment system, which includes control, communication and distributed I/O products. The XT System uses the Integrated Architecture™ Logix control engine with enhancements to meet the needs of extreme environment applications. This approach provides users with a complete control and information architecture, reducing integration and installation costs and providing users with the quality they have come to expect from Rockwell Automation. The extreme environment system protects your automation investment by sharing state-of-the-art, integrated control technologies across the architecture.

- *-20 °C to 70 °C (-4 °F to 158 °F) operating range*
- *ATEX and IECEx certified*
- *UL Class I, Division 2 certified*
- *Fanless*



An Industrial Computer Solution for Extreme Environments

The Allen-Bradley® 1200XT line of Industrial Computer joins Rockwell Automation® XT Extreme Environment System, meaning it can handle conditions down to -20° Celsius and up to 70° Celsius (-4° to 158° Fahrenheit). In addition, the units provide ATEX, IECEx and UL certification for hazardous locations.

- Intel Core Duo, 1.2GHz processor
- 2GB RAM (4GB System Max)
- 8GB or 16GB Solid State Hard Drive (internal Compact Flash card with OS pre-installed)
- Windows XP or Windows 7
- 2 Serial COM ports
- 2 Gigabit Ethernet ports
- DVI-I port
- PCI slot
- 4 USB ports
- External Compact Flash Type II card slot (supports up to 16 GB)

Industries and Applications

Allen-Bradley 1200XT computers are suited for a wide variety of demanding applications, where heat, cold and hazardous gas and dust challenge equipment. These kinds of applications are encountered in a wide variety of industries:

- Chemical and Pharmaceutical
- Energy and Power Generation
- Mining and Metals
- Water / Wastewater

LISTEN. THINK. SOLVE.®

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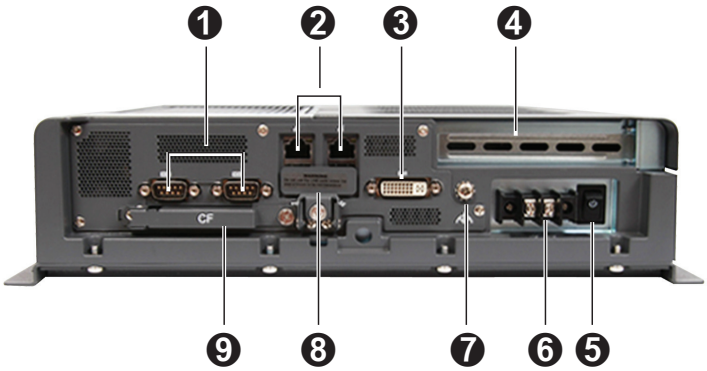
Rockwell Automation

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Flexible Options

The 1200XT industrial computers are available with or without an integrated 12-inch touch screen display. This enables users the flexibility of either an integrated or two-piece solution. The accessible portion of displays models are rated to 55 °C (134 °F). The computers can be mounted in the same enclosure with a Logix-XT Controller without requiring additional heating and cooling equipment.

1200XT computers' memory and CompactFlash drives can be easily upgraded in the field. A wide range of connectivity options are provided. Several ports and connections are provided with guards and covers to enable the user to manage connections and switching in rated environments.



Item	Component
❶	Serial COM ports, 2
❷	Ethernet ports (RJ-45), 2
❸	DVI-I port
❹	PCI riser slot cover
❺	Power switch
❻	DC input terminal block
❼	Functional ground screw
❽	Hinged door covering the USB ports, 4 (1)
❾	External CompactFlash Type II card slot (1)

(1) This bottom side external CF slot and USB ports are functionally hot-pluggable in an environment known to be non-hazardous. For more information about proper use of these ports refer to Hazardous Locations statements in Publication 6181X-IN001

Specifications

1200 XT Model	Integrated Display	Non-Display
Display Size	12.1-in. TFT display Resistive touch sunlight readable.	No Display
Resolution	800 x 600	
Display Brightness	600 cd/m2	
Bezel Type	Aluminum	
Processor Types	Core Duo U2500 1.2 GHz	
RAM	2 GB DDR2 installed (4 GB max)	
Storage Drive	8 GB CompactFlash(1) with Windows XP Professional 16 GB CompactFlash with Windows 7	
Expansion Slots	1 half-length PCI	
Operating System	Windows XP Professional/Windows 7 (32 bit), SP1	
Power	18-32V DC	
Mounting	Panel	Wall
Dimensions (H x W x D), approx. overall	279 x 349 x 101.2mm (10.98 x 13.74 x 3.98 in.)	251 x 353 x 83.4 mm (7.5 x 13.20 x 3.28 in.)
Shock operating	15 g (1/2 sine, 11 ms)	
Vibration, operating	0.012 in. p-p, (10...57 Hz); 2 g peak, (57...640 Hz)	
Certifications	UL listed, CE marked, RCM	
Ratings	NEMA 1/12/4/4X, IP66	

Catalog Number	Region	Class/Division/ Zone Rating	Temperature	IECEx Certifications
Non-display: 6181X-NPXPDC, 6181X-NPW7DC	United States	Class I Division 2, Groups A, B, C, D T4	-20 °C ≤ T_a ≤ 70 °C (2) (-4 °F < T_a < 158 °F)	IEC60079-0 2011 IEC60079-15 2010 IEC60079-31 2013 IECEx DNV 14.0012U
		Class I Zone 2, IIC, T4		
	Canada	Class I Division 2, Groups A, B, C, D T4		
		Class I Zone 2, IIC, T4		
	Europe	ATEX II 3 GD, Ex nA IIC Gc, Ex tc IIIC Dc		
Display: 6181X-12TPXPDC, 6181X-12TPW7DC	United States	Class I Division 2, Groups A, B, C, D T4	-20 °C ≤ T_a ≤ 55 °C (-4 °F < T_a < 131 °F) (Display side) -20 °C ≤ T_a ≤ 70 °C (-4 °F < T_a < 158 °F) (Backside) (2)	IEC60079-0 2011 IEC60079-15 2010 IEC60079-31 2013 IECEx DNV 14.0011X
		Class I Zone 2, IIC, T4		
	Canada	Class I Division 2, Groups A, B, C, D T4		
		Class I Zone 2, IIC, T4		
	Europe	ATEX II 3 GD, Ex nA nC IIC T4 Gc, Ex tc IIIC T135 Dc		

(1) Another CompactFlash Type 2 Slot Available

(2) The entire non-display model and the backside of the display model are required to be mounted in a restricted access location.

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