

# IX PowerStations

Next Generation Hardware Combined with InteractX Provides our Most Reliable and Powerful Supervisory HMI Ever



The InteractX™ (IX) PowerStation combines rugged, industrial design coupled with sleek, modern aesthetics. Packed with the time-tested, powerful InteractX software, this HMI provides SCADA-like capabilities in a thin, economical package.

## Small Size, Big Horsepower

The quad core processor unlocks the power of InteractX. Communications to multiple PLC's, machine HMIs or other devices are handled with ease as the rich graphics, animations, and critical data update faster than ever before. The impressive responsiveness of screen navigation, along with the power of InteractX makes this small package a big winner.

# InteractX

The IX is preloaded with InteractX software

## Reduced Development Time

Pair the IX supervisory HMI to the XT Powerstation, Parker's machine-level HMI, to reduce your development time up to 80%!

The IX, running InteractX, can connect directly to an XT, using Interact Xpress™. The XT can share screens and data with the IX, allowing you to reuse your machine level application elements at the Supervisory level saving development time and money.

## Advanced Tools Made Easy

InteractX provides an intuitive, drag-and-drop graphical design interface reducing the time to develop your interface. Prebuilt ActiveX tools allow you to use advanced functions with little effort. InteractX adds the industry's easiest trending ever – simply point and click and you are logging!

## Reduced Cabinet Size

Offered in a variety of sizes from a compact 7" to a immersive 22", the IX depth of each HMI offers minimal intrusion into the cabinet allowing the IX to fit where other HMIs cannot.

The widescreen aspect ratio provides 40% more screen space over a traditional 4:3 ratio, providing room for additional functionality or a decluttered screen that provides clear information and reduces opportunity for operator error.

## Increased Reliability

Every aspect of the IX design protects against common failure modes to provide long lasting and reliable operation.

The IX's fan-less and ventless design allows users to install-and-forget by avoiding the most common component failure in Industrial PCs: the fan. Coupled with a mechanically reinforced SSD, and intensive shock and vibration specifications, the IX is meant to withstand any industrial condition.

## Secure Remote Access

Easily win over IT with Dual LAN ports that enable users to separate machine networks to those exposed to either the office network or the Internet.

This is especially critical in applications implementing motion or process control software where safety is a concern.



## IX Features

- 7, 10, 15 and 22" touchscreen displays
- No display option
- 1.83GHz Quad Core, 4GB DDR3L
- 2 USB, 2 Serial, 2 LAN ports
- 64 GB SSD
- Slim 1.3" cabinet depth
- Fan-less and vent-less
- Unlimited PLC/device connections
- Protocol conversion between connections
- Unlimited Tags, Screens, Alarms
- Vivid colors and rich graphics
- Secure Remote View/Control/Edit
- IP65 aluminum bezel
- Analog resistive & projected capacitive touchscreen options



ENGINEERING YOUR SUCCESS.

# InteractX Software

Unlimited tags - no hidden costs

Vast driver support allows aggregation of data from today's most popular HMIs, PLCs, and other industrial devices

Support for Microsoft Access, SQL, Oracle and ODBC and easy to use database management tools

Sophisticated recipe management, historical trending and alarm tools included to make programming easy

Support for 21CFR11 allows any FDA audited industry provide authentication and log operator changes

Easy multi-language support



## InteractX Supervisory HMI

InteractX leads the industry with breakthrough HMI graphics and built-in connectivity. Now with version 4.1, InteractX leads the way in the supervisory HMI category by dramatically reducing application development time and integration cost for your manufacturing operations.

InteractX 4.1 provides powerful trending and analysis tools that aggregate data from multiple machines or work-cells, and easily pulls Interact Xpress machine level HMI screens and data directly into its interface—without having to recreate applications or input tags!

- Hardware/software integration optimizes performance, storage, and connectivity
- Rich, graphical runtime interface that is scalable to various screen sizes

- Runs sophisticated graphics, animations, and video to enhance the operator experience
- Advanced security tools support single and multi-user applications, as well as integrated development from operator interface
- Full featured historical trending software
- Supervisory-level HMI aggregates data from multiple sources, including 3rd-party PLCs and HMI panels
- Time-saving “distributed HMI” integration with Interact Xpress
- Sophisticated recipe management tools included
- Preconfigured and custom Panel tool library for quick screen development
- ActiveX controls for easy integration of 3<sup>rd</sup> party tools
- Includes Visual Basic for applications (VBA) for advanced customization
- Vast 3<sup>rd</sup> party OPC client/server support
- One-click multi-language support
- Standards-compliant browser



# IX PowerStation Specifications

Features	IXA-000	IXA-007	IXA-010	IXA-015	IXA-022
Size		7"	10.1"	15.6"	21.5"
Resolution	Headless IX; has no display, but has an HDMI and VGA video out port	WVGA (800x480)	WXGA (1280x800)	FWXGA (1366x768)	HD (1920x1080)
Viewing Angle		140(H) / 110(V)	160(H) / 160(V)	160(H) / 160(V)	178(H) / 178(V)
Brightness		350 cd/m2	350 cd/m2	300 cd/m2	250 cd/m2
Bulb Life (hrs)		40,000	40,000	50,000	30,000
Weight (lbs)		2.0	2.58	4.24	10.34
Touch Interface	—	Analog Resistive	Analog Resistive	Analog Resistive	Analog Resistive or Projected Capacitive
Power Input	12/24 VDC @ 7W	12/24 VDC @ 9W	12/24 VDC @ 11W	12/24 VDC @ 18W	12/24 VDC @ 20W
HMI Software	InteractX embedded runtime				
Processor & RAM	Intel Bay Trail N2930 (1.83 GHz Quad Core) with 4GB DDR3L				
SD Storage	64 GB SSD				
Operating System	Windows Embedded Standard 7P or Windows 10 Enterprise 2016 LTSP				
Ports	USB	(3) USB 2.0; (1) USB 3.0	(1) USB 2.0; (1) USB 3.0		
	Serial	(1) RS-232/422/485; (1) RS-232			
	Ethernet	(2) 1000 Base-T, RJ45			
	Audio Out	(1) Audio Out			
Environment	Operating Temp	-10 – 60 °C	0 - 50 °C		
	Storage Temp	-40 - 85 °C	- 20 - 60 °C		
	Rel. Humidity	10-90% @ 40°C, non-condensing			
	Vibration	5-500 Hz: 1 Grms random			
	Shock	15 G peak @ 11 msec			
	IP Rating	IP65 Front Bezel			

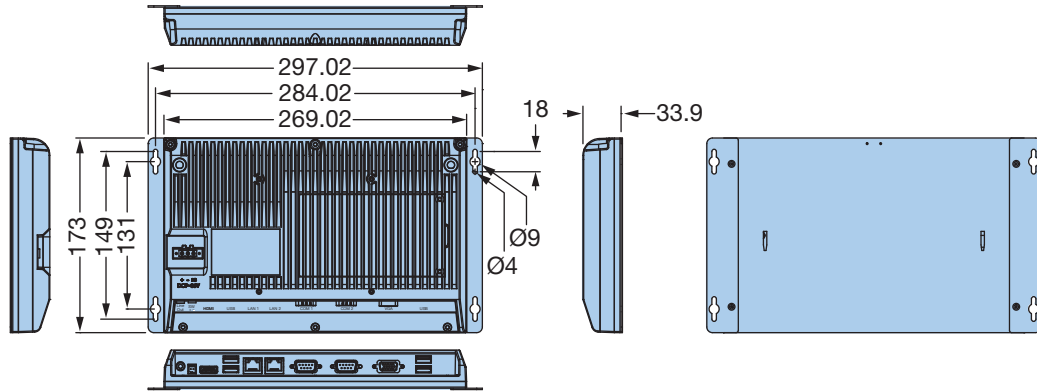
## IX Ordering Information

	1	2	-	3	-	4	5	6	-	7	8
Order example	<b>IX</b>	<b>A</b>	<b>-</b>	<b>010</b>	<b>-</b>	<b>3</b>	<b>R</b>	<b>3</b>	<b>-</b>	<b>1</b>	<b>3</b>

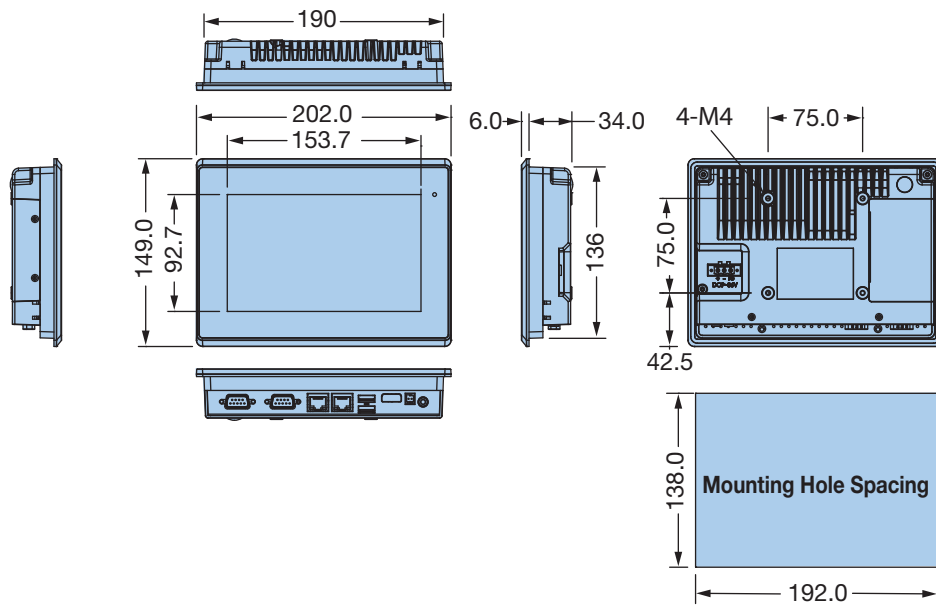
<b>1 Series</b>	<b>IX</b>	InteractX Powerstation	<b>5 Touch Options</b>	<b>N</b>	No display
<b>2 Bezel Type</b>	<b>A</b>	Aluminum	<b>R</b>	Analog resistive touch	
<b>3 Size</b>	<b>000</b>	Headless Display	<b>P</b>	Projective capacitive	
	<b>007</b>	7" Touchscreen	<b>6 Storage</b>	<b>3</b>	64GB solid state drive
	<b>010</b>	10" Touchscreen	<b>7 Operating System</b>	<b>1</b>	Windows 10 Enterprise 2016 LTSP
	<b>015</b>	15" Touchscreen		<b>5</b>	Windows Embedded Standard 7P
	<b>022</b>	22" Touchscreen	<b>8 Agency Approvals</b>	<b>3</b>	CE, UL/cUL, IEC/EN61010
<b>4 Processor</b>	<b>3</b>	Intel N2930 Bay Trail		<b>5</b>	Haz-Loc (Class 1 Div2)

# Dimensions [mm, mounting hole tolerance ±0.5]

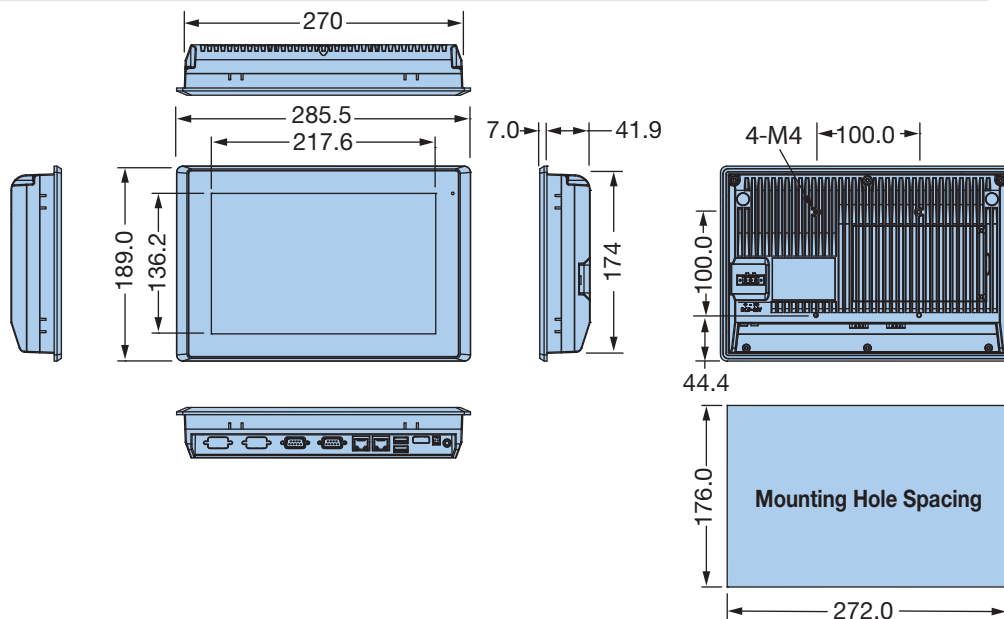
IXA-000



IXA-007

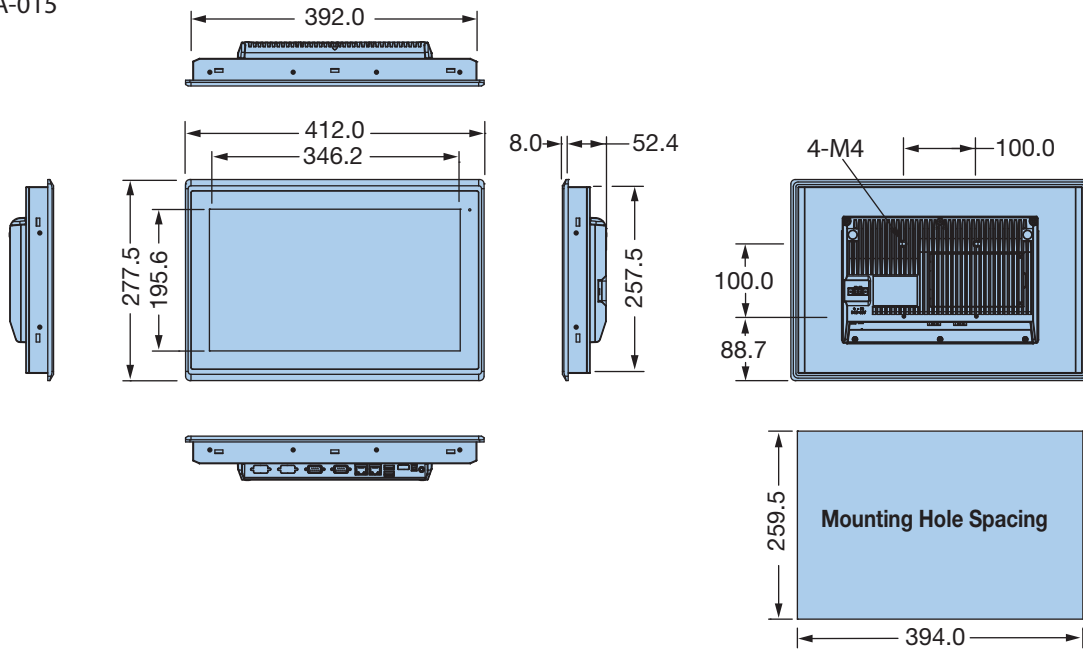


IXA-010

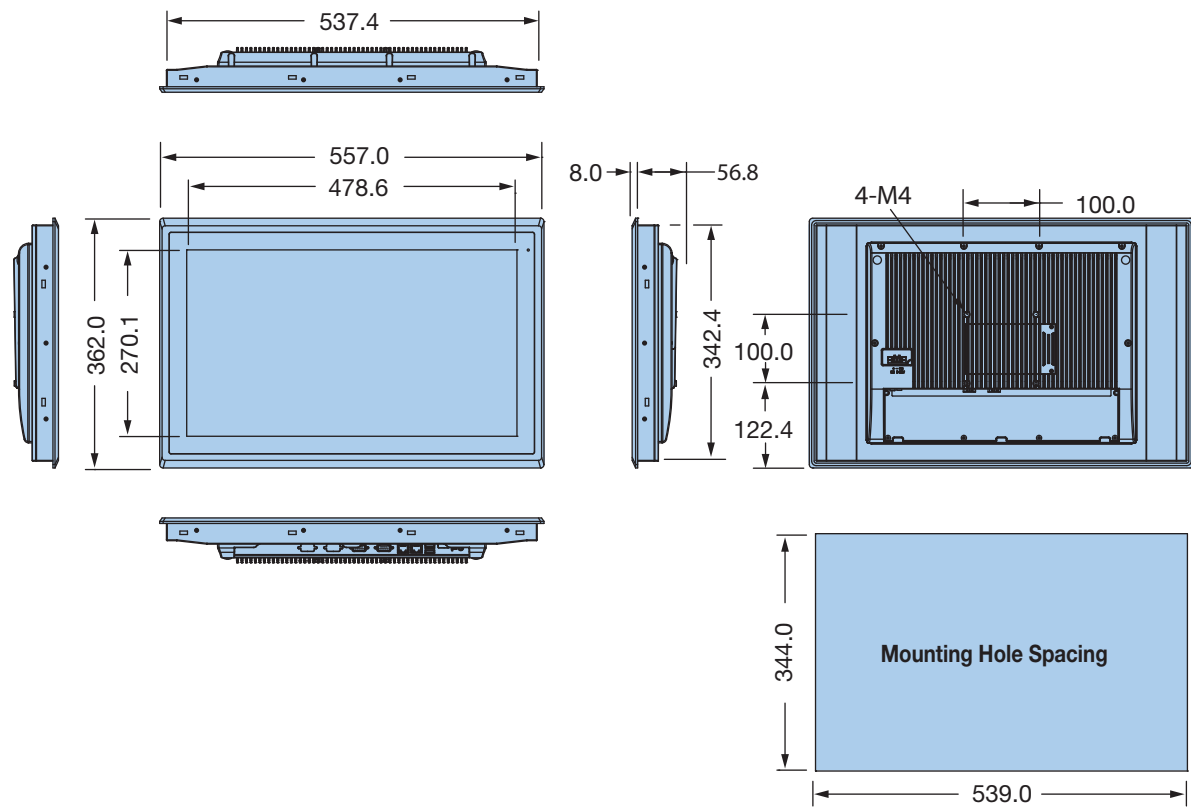


# Dimensions [mm, mounting hole tolerance ±0.5]

IXA-015



IXA-022



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