XT Xpress PowerStations

Next Generation Hardware Platform Brings Enhanced Performance, Graphics & Reliability to Parker's Xpress HMI Family

The new XT Xpress PowerStation takes the Xpress family of Information Anywhere™ to new heights in performance, flexibility, and reliability.

World Class User Experience

The 1.83 GHz quad-core processor unlocks the power of **Xpress**. Communications to multiple PLC's/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 award winning function of **Xpress**, deliver an optimal user experience.

Xpress™

Xpress Runtime pre-installed

Reduced Development Time

Xpress Manager provides intuitive tools for developing HMI applications that can reduce your development time by 30% over competing toolsets.

Pair the XT, running Xpress, with the IX InteractX PowerStation, a supervisory HMI, to reduce your development time. The XT and IX can share screens and tags which reduces programming time up to 80% compared to traditional SCADA solutions!

Lower HMI Costs

For machines with multiple HMIs the XT can be used as a server with our PAC Terminals as thin clients. The PLC communications and HMI functions would be centralized with the XT and served to the client connections reducing complexity and overall cost. Costs can be reduced as much as 60% for machines with 5 or more screens.

Reduced Cabinet Size

Very sleek and slim profile significantly decreases required cabinet space while an ultra-efficient processor limits energy usage and heat generation.

Increased Reliability

Solid state memory (SD card), along with fan-less and vent-less design, eliminates common failure modes to provide long lasting and reliable operation.

Secure Remote Access

Dual LAN ports allow the plant network to be separated from the office network reducing the risks involved in remote access. Advanced security features allow for tiered login and access rights from monitoring critical production data to remote project updates.

XT Features

- **No display, 7", 10", 15", and 22" touchscreen displays**
- **All displays are 16:9 widescreen format**
- **Slim 1.3" cabinet depth**
- **Fan-less and vent-less**
- **2GB SD card storage**
- **1.83 GHz Quad-Core, 4GB DDR**
- **2 USB, 2 Serial, 2 LAN ports**
- **Intuitive Xpress software with powerful toolset**
- **50+ bundled communications drivers**
- **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**

Parker

VICPAS HMI Parts Center

ENGINEERING YOUR SUCCESS.

Xpress™ Software

- Applications can be served, created and edited online from any PC with Internet Explorer
- Advanced security for single or multi-user applications
- Tools for historical alarm data
- Remote Maintenance and sharing of applications available over the Web – reduces support costs
- Web-enabled architecture eases implementation of remote diagnostics and support on a global scale

Xpress Software

The XT comes pre-loaded with Xpress runtime which enables local or remote editing, viewing, and application development. Xpress Manager 4.1 development software provides the same functionality and helps manage multiple run times eliminating version control issues, manages communication drivers, and offers development tools when XT hardware is not available to log in. Xpress offers intuitive, object-based screen development is available using predefined panel templates, a tool bin of pre-configured tools and drag and drop editing. Panel Tools include: pushbuttons, numeric entry, selection entry, numeric displays, bar graphs, meters, gauges, sliders, message displays, time/date display and more…

The new, Xpress 4.1 fully leverages the wide availability of web browsing software to enable distributed HMI software. Remote screen sharing capabilities are now extended to any iOS or Android device with Parker's FREE Remote Manager. (Search "RemoteMgr" in the App Store.)

Parker has developed tools within Xpress that makes implementing these remote capabilities easy enough for any OEM to provide without getting IT involved. Six pre-developed levels of security help designers to quickly create user profiles which limit access from specific screens down to the read/write access of specific tools. This ensures that the correct level of access for the appropriate audience.

- **Supports local or remote development - no version control issues or online development costs**
- **Real time trend display capability**
- **Unlimited screens and tags**
- **Capacity for complex graphics and animations**

XT Xpress PowerStation Specifications

Features		XTA-000	XTA-007	XTA-010	XTA-015	XTA-022
Display	Size	Headless XT; has no display, but has an HDMI and VGA video out port	7”	10.1”	15.6”	21.5”
	Resolution		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	16.94
	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		Xpress 4.1 Runtime				
Processor & RAM		Intel Bay Trail N2930 (1.83 GHz Quad Core) with 4GB DDR3L				
SD Storage		2GB SD card				
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	Temperature	0 – 50°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				
Agency Approval		CE, UL/cUL, IEC/EN61010, FCC Class A, Haz-Loc (Class1 Div2)*, RoHS, REACH				

XT Ordering Information

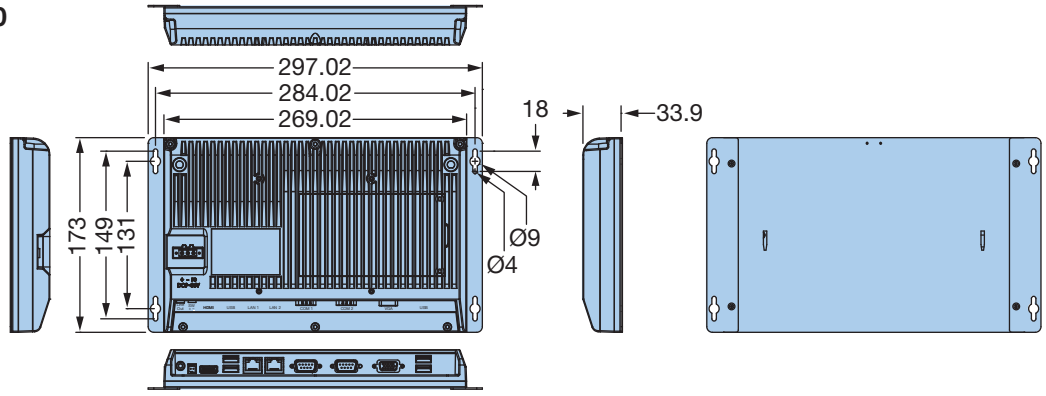
	①	②		③		④	⑤	⑥		⑦	⑧
Order Example:	XT	A	-	010	-	3	R	2	-	3	5

Select an option from each numbered field to create a complete model order code.

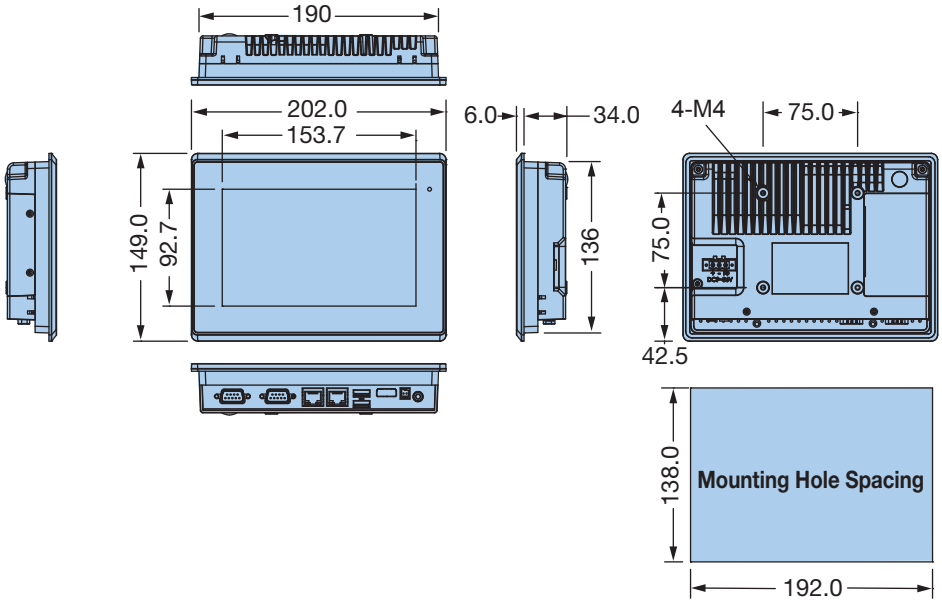
① Series Name	XT	Xpress Terminal
② Frame Type	A	Cast Aluminum
③ Size Options	000	No display
	007	7” Touchscreen
	010	10” Touchscreen
	015	15” Touchscreen
	022	22” Touchscreen
④ Processor	3	Bay Trail N2930 1.83 GHz, Quad-core
⑤ Interface type	N	No display
	R	Analog resistive
	P	Projective capacitive
⑥ Storage Type	2	2 GB SD Card
⑦ Operating System	3	Xpress Runtime and OS
⑧ Certifications	3	CE, UL/cUL, IEC/EN61010, FCC Class A, RoHS, REACH
	5	Class 1 Div 2, CE, UL/cUL, IEC/EN61010, FCC Class A, RoHS, REACH

Dimensions [mm, mounting hole tolerance ± 0.5]

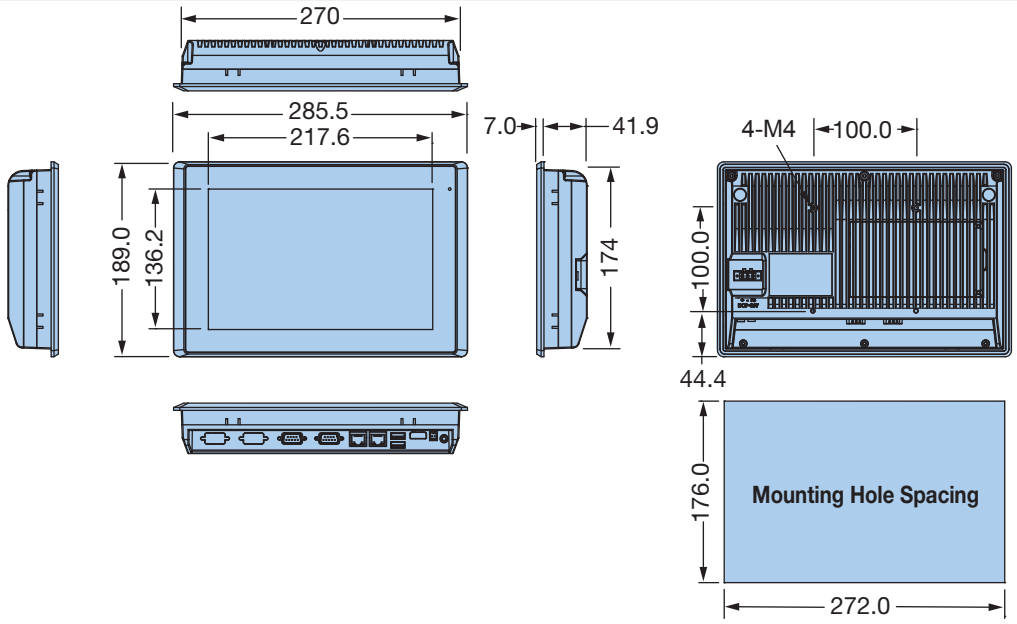
XTA-000



XTA-007



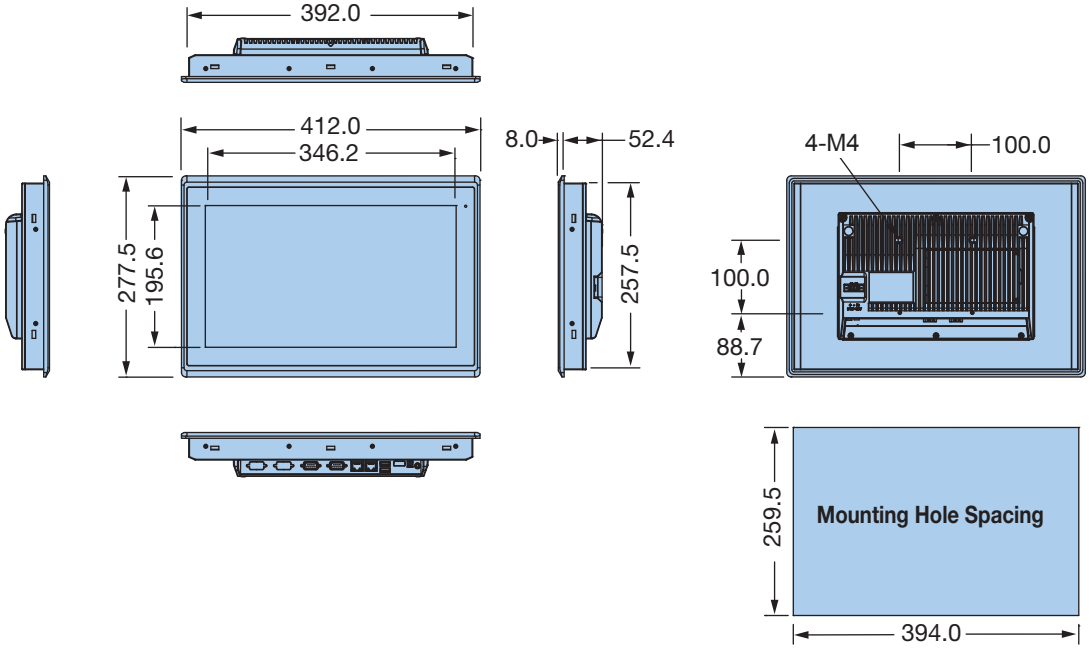
XTA-010



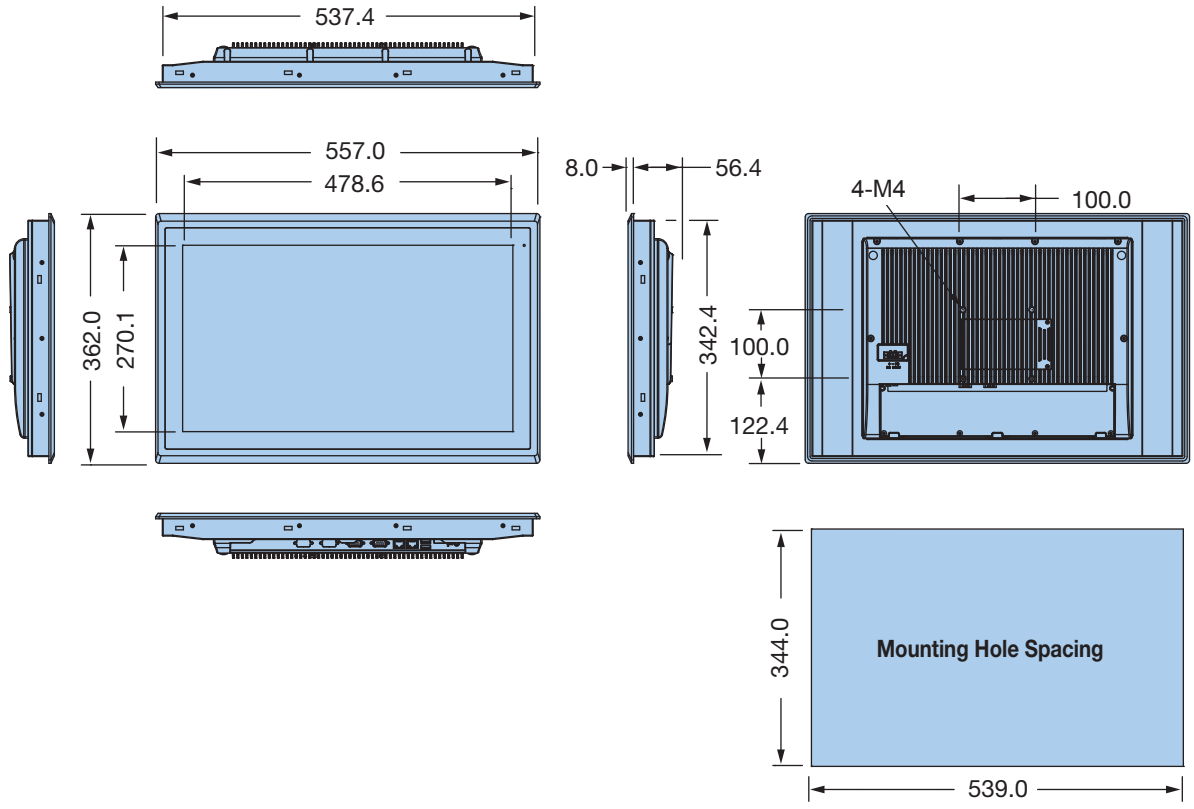
All published product specifications are subject to change without notice.

Dimensions [mm, mounting hole tolerance ± 0.5]

XTA-015



XTA-022



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