



10.1" ~ 15.0" Stainless Steel Extended Temperature High Brightness Panel PC

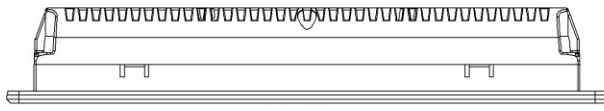


- 304 Stainless Steel Front Bezel, IP69K Rating
- Extended Operating Temperature (-20~60°C)
- High-Brightness Sunlight Readable (1000 Nits) Optically Bonded LCD
- IP66 Rated for Washdown Environments
- Projected Capacitive Touch
- Fanless Operation; Intel® Celeron™ N2930 CPU
- Microsoft Windows® 10 IoT OS

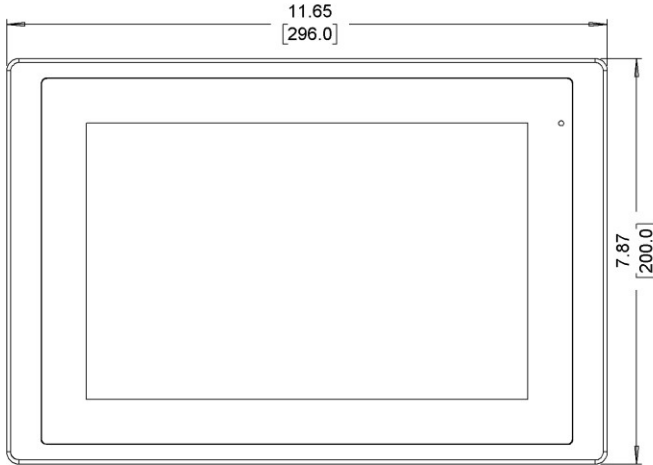
- Extended Temperature
- 304 Stainless Steel
- Capacitive Touchscreen
- High Brightness

System	CPU	Intel® Celeron™ N2930 Quad-Core 1.83 GHz Processor		
	System Chipset	SoC		
	System Memory	Onboard DDR3L 4 GB 1600 MHz		
I/O Ports	USB	2 x USB 3.0 type A		
	Serial	COM1: 1 x RS-232/422/485 DE9P(default RS-232) COM2: 1 x RS-232 DE9P		
	Audio	1 x 3.5 mm line out		
	LAN	2 x GbE RJ-45		
	Power	3-pin connector header, DC power input		
	Remote Power Switch	2-pin connector header		
Expansion	Expansion Slot	Optional Wi-Fi kit (IEEE 802.11a/b/g/n/ac card and antenna)		
Touch Screen	Type	Projected Capacitive Touch		
	Interface	USB		
	Light Transmission	90+%		
Display	Optical Bonding	Yes		
	Display Type	10.1" WXGA TFT LCD	12.1" SVGA TFT LCD	15.0" XGA TFT LCD
	Max. Resolution	1280 x 800	800 x 600	1024 x 768
	Max. Color	16.7M	262K	16.7M
	Luminance (cd/m²)	1000	1000	1000
	View Angle (H°/V°)	170/170	178/178	160/150
	Contrast Ratio	1000:1	700:1	800:1
	Backlight Lifetime (hours)	50,000+	50,000+	50,000+
Storage	Solid State Drive Type	1 x 2.5" SATA III, MLC		
	Solid State Drive Capacity Options	64, 128, 256, 512 GB, 1TB SSD		
	SD Card Slot	1 x internal Micro Secure Digital memory card socket, up to 32 GB		
Electrical	Input Voltage	9-36 VDC	9-36 VDC	9-36 VDC
	Input Current	0.68-2.72 A	1.11-4.46 A	1.07-4.29 A
	Input Power (max.)	24.5 W	40.1 W	38.6 W
Mechanical	Dimensions (W x H x D)	11.65 x 7.87 x 1.85" [296 x 200 x 46.9 mm]	13.03 x 11.19 x 2.05" [331 x 257 x 52 mm]	16.61 x 12.68 x 2.43" [422 x 322 x 54.1 mm]
	Net Weight	~ 5.51 lbs [2.5 kg]	~ 7.50 lbs [3.4 kg]	~ 11.24 lbs [5.1 kg]
	Panel Cutout Dimensions (W x H)	10.71 x 6.93" [272 x 176 mm]	11.93 x 9.02" [303 x 229 mm]	15.43 x 11.50" [392 x 292 mm]
	Mounting	Panel mounting VESA 100 x 100 mm	Panel mounting VESA 100 x 100 mm	Panel mounting VESA 100 x 100 mm
	Construction	304 Stainless Steel Front Bezel and Aluminum Chassis		
	Environmental	Operating Temperature	-4~140°F [-20~60°C]	
Storage Temperature		-22~158°F [-30~70°C]		
Relative Humidity		10 to 95% @ 40°C, non-condensing		
Rating		IP66 / IP69K / NEMA 4 when panel mounted		
Operating System	Microsoft Windows® Options	Microsoft Windows® 10 IoT Enterprise Embedded LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise LTSC 64-bit (PKEA)		
	Linux® Options	Linux® Ubuntu Desktop 22.04		
Notes	Specifications subject to change without notice.			

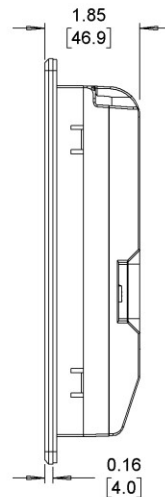
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Top View

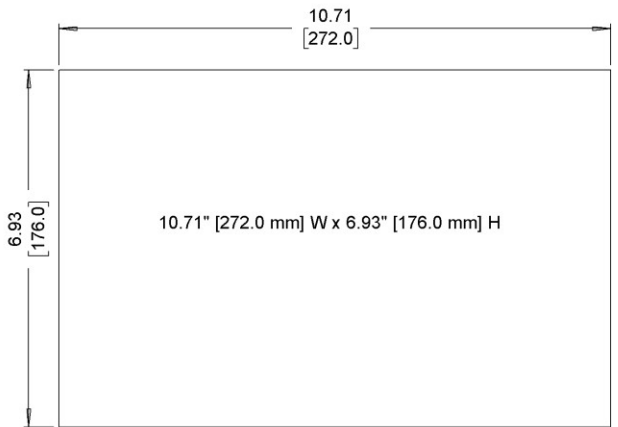


Front View

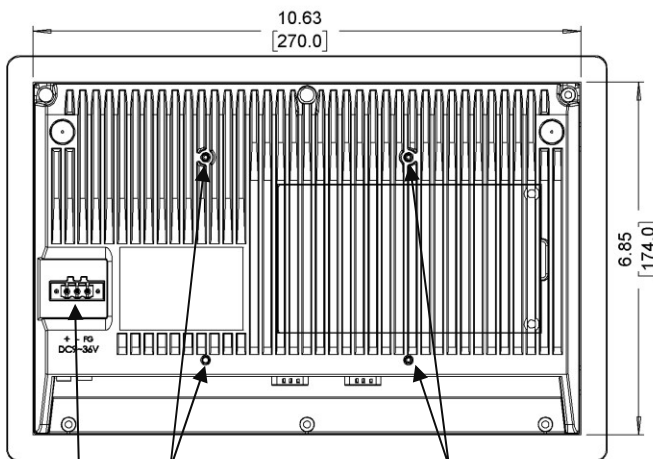


Side View

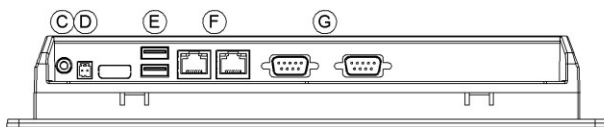
Dimensions are in inches [mm]



Cutout Dimensions



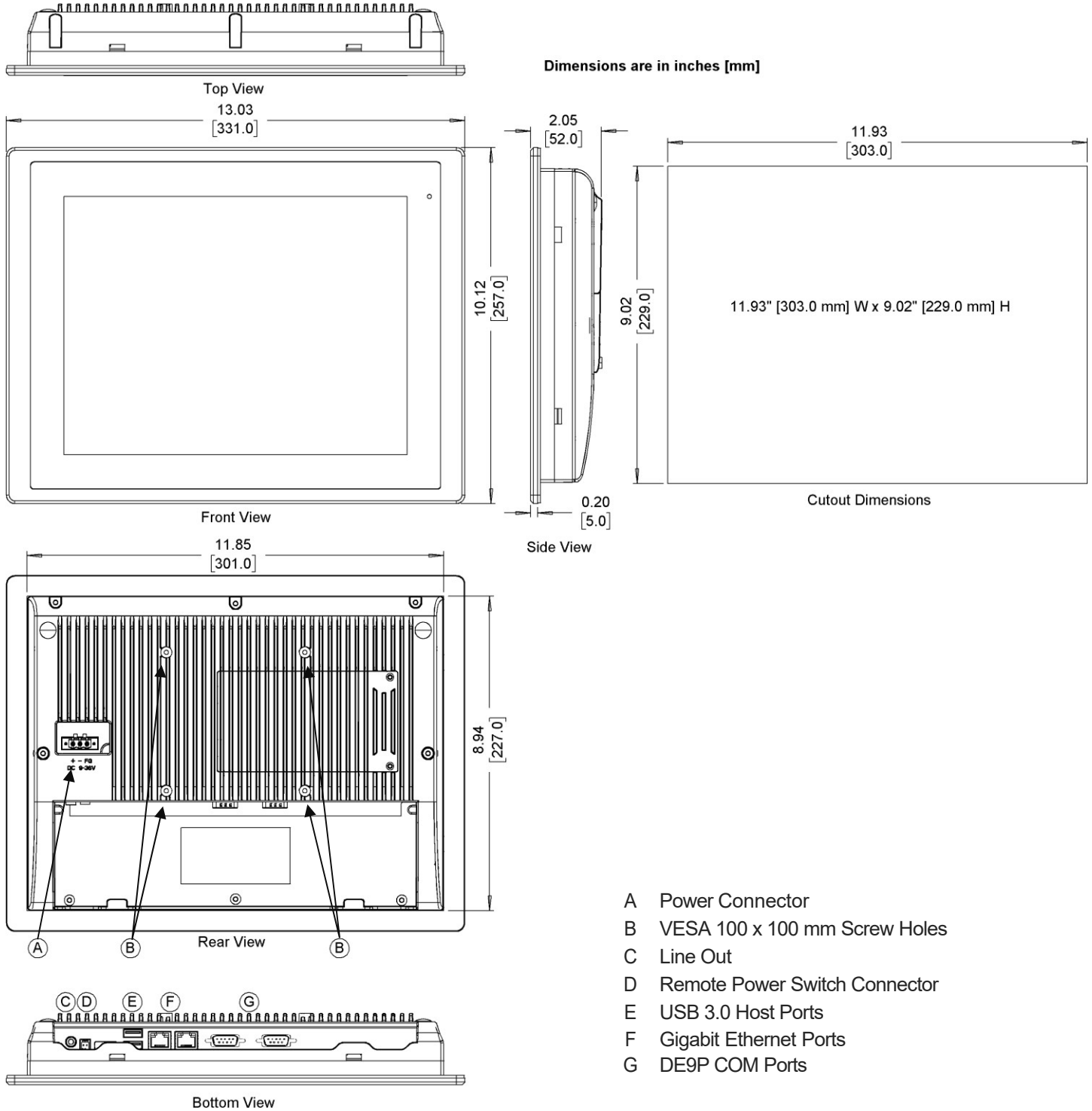
Rear View



Bottom View

- A Power Connector
- B VESA 100 x 100 mm Screw Holes
- C Line Out
- D Remote Power Switch Connector
- E USB 3.0 Host Ports
- F Gigabit Ethernet Ports
- G DE9P COM Ports

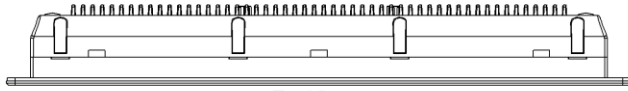
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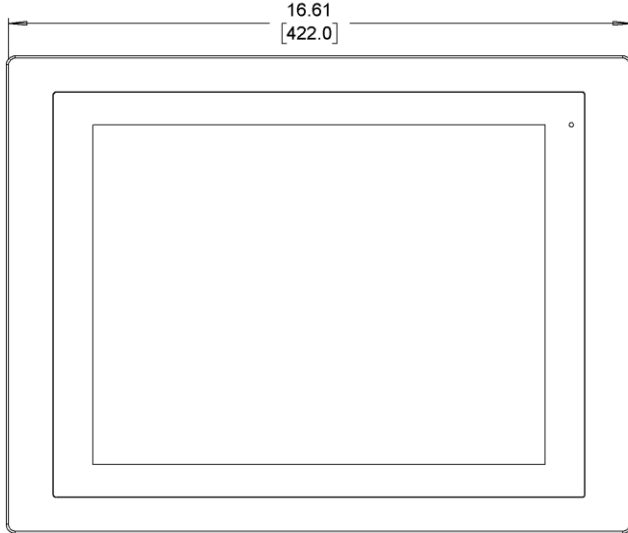
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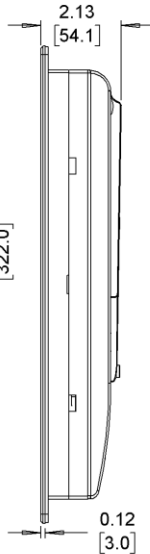
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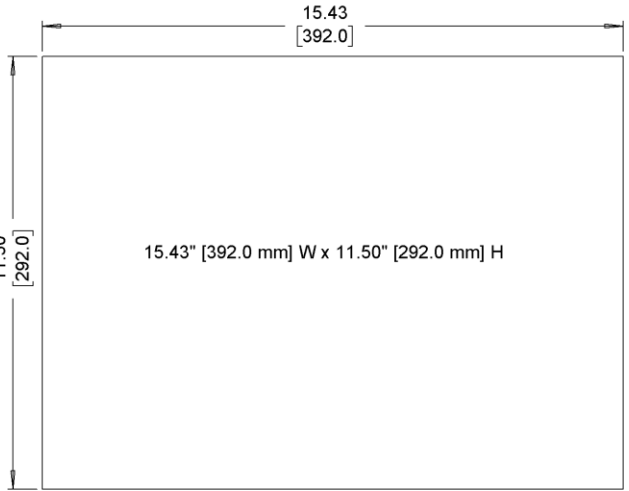
Top View



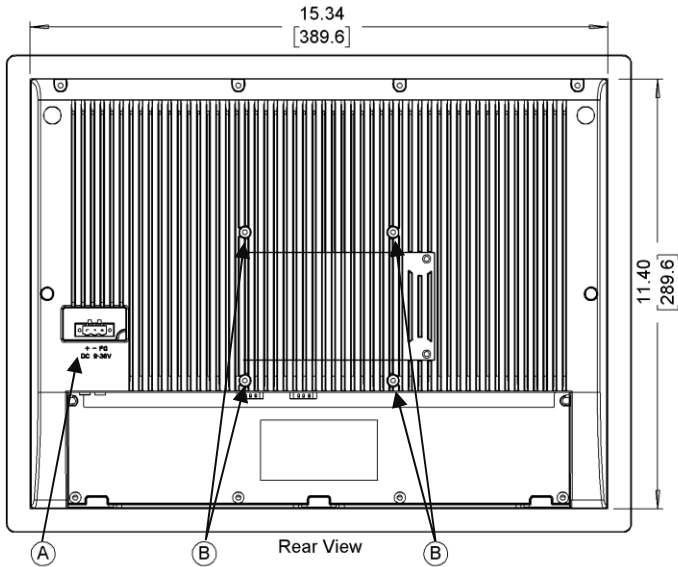
Front View



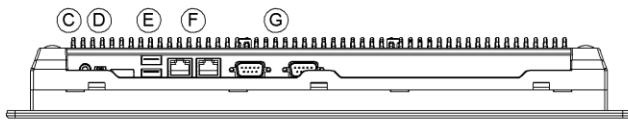
Side View



Cutout Dimensions



Rear View



Bottom View

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We are a proud partner of Award-winning AVEVA™ Edge. This powerful HMI/SCADA software package enables you to create custom industrial control applications for your unique industry, putting you in the driver's seat of creating your industrial process. With easy-to-use commands/tool bars and a Microsoft Windows® programming environment, AVEVA™ Edge's feature-rich application puts you in the driver's seat of creating your industrial process. Learn more about [AVEVA Edge](#).

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We offer all the components you need to create your own unique level of supervisory data acquisition and control, from the simplest stand-alone machine to sophisticated multi-device networked production line(s), all the way to enterprise-level operations and IIoT functionalities leveraging cloud connectivity.

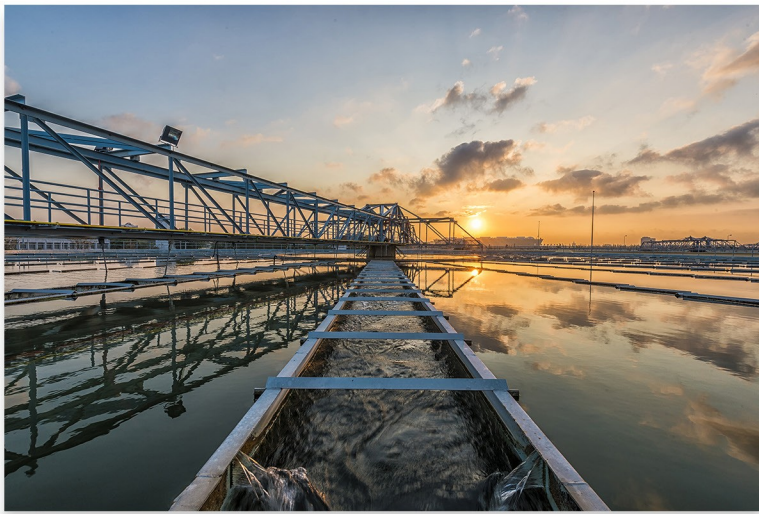
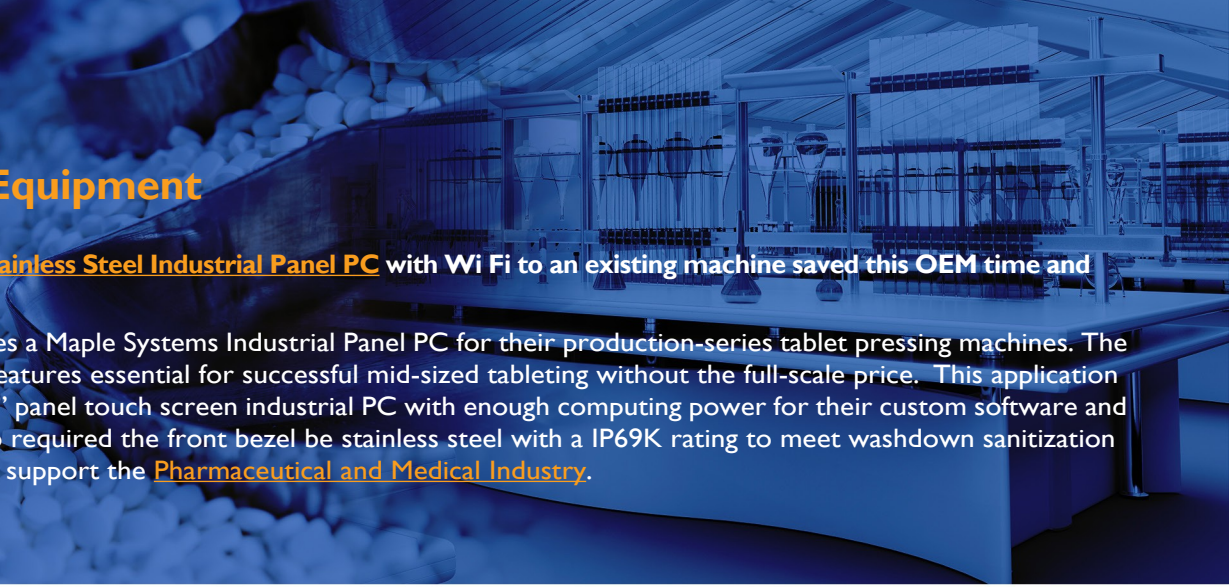
Our products can help you standardize communications between devices, gluing different systems together for one source to your SCADA. No need to redesign your entire application. Keep the components that are already working for you, just add Maple Systems components to grow your abilities to supervise, control, and acquire data.

[Application Story](#)

Pharmaceutical Equipment

Adding a Maple Systems [Stainless Steel Industrial Panel PC](#) with Wi Fi to an existing machine saved this OEM time and money

This OEM manufacturer uses a Maple Systems Industrial Panel PC for their production-series tablet pressing machines. The rotary tablet press boasts features essential for successful mid-sized tableting without the full-scale price. This application required a cost effective 12" panel touch screen industrial PC with enough computing power for their custom software and reporting system. They also required the front bezel be stainless steel with a IP69K rating to meet washdown sanitization requirements. See how we support the [Pharmaceutical and Medical Industry](#).



[Case Study](#)

Water / Wastewater Treatment

Our [High Brightness Industrial Panel PC](#) with Wi-Fi checked all the boxes for this System Integrator

During their large revamping of a utility control system, Aqua Sierra's customer North Tahoe Utilities needed a PC-based HMI to run a simple Wonderware SCADA project as an interface. The PC needed to allow 3rd party software logging and reporting tools for their utility management system. The control room facility is climate controlled with large windows and bright overhead lighting. The remote facility did not have Ethernet cabling out to the PC location, however there was a Wi-Fi router connection nearby. Read how we support the [Water & Wastewater industry](#).

[Application Story](#)

Dairy / Agriculture Equipment

The [Stainless Steel enclosure](#) makes this Industrial Panel PC the right choice for the food and beverage industry

This customer is a leading OEM manufacturer of custom stainless steel processing equipment and a preferred provider of quality products and services to the cheese, dairy, food, beverage and other sanitary industries. The customer's dairy processing equipment required an IPC that operators can interface with while wearing gloves. Another major requirement is that the PC be IP69K washdown rated to endure the regular cleaning and disinfecting required; and for compliance and record keeping, the customer needed real time data logging and storage using a 3rd party historian application running on the PC. Read more about the [Food & Beverage OEMs](#) we support everyday.

