



Industrial HMI Touchscreens

F10 Series: Industrial Open-Frame Touchscreen Monitors

At the rugged edge, the visualization of data plays a significant role in providing accurate real-time statuses and information. Premio's F10 Series, a selection of standardized industrial open-frame touchscreen monitors, are designed to seamlessly integrate into both future and existing HMI systems. Premio understands that reliability is an essential factor when deployed in industries such as automation, manufacturing, digital signage, retail, healthcare, gaming and more. Therefore, the F10 Series is purpose-built for extended lifespan and quality operation with minimal to no maintenance.

Key Features

- Slim Industrial-Grade Design with Standardized Screen Sizes
- Durable Front Panel (IP65, 7H Glass, PCAP)
- Longevity & Low-Power Efficiency
- World-Class Certifications (UL-Certified, CE, FCC)
- Industrial Alternative to Elo Open Frame Touchscreens



Smart Retail
& Kiosks



Remote
Monitoring



Factory
Automation



Intelligent
Gateways



Digital
Signage



NVR
Surveillance



Full Screen Sizes & Slim Industrial-Grade Design

Premio's FIO Series provides a selection of standardized screen sizes ranging from 15"-27" for seamless integration for HMI deployments. With equivalent monitor depths of 1.5" (40mm), it allows integrators to implement the FIO series into space-constrained applications without compatibility limitations.



FIO-FH2700C
27" FHD 16:9



FIO-FH2150C
21.5" FHD 16:9



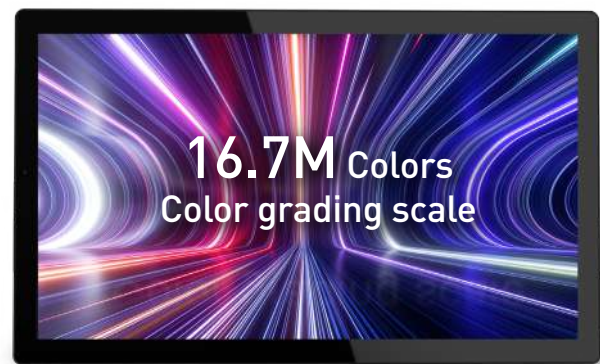
FIO-SX1900C
19" SXGA 5:4



FIO-XG1500C
15" XGA 4:3

Ultimate Readability and Clarity

Data visualization is essential at the rugged edge, especially when deployed into mission-critical applications. The FIO Series features wide viewing angles for exceptional visibility and clarity in both portrait and landscape orientations. For additional display configurability and customization, an OSD allows for adjustments in brightness, color temperatures, contrast, and so on. The FIO also provides multiple display outputs (VGA, HDMI, and DP) for seamless plug and play compatibility.



Durable Industrial-Grade Front Panel

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Durable Industrial-Grade Front Panel

The FIO Series' front display is rated IP65 and built with 7H tempered glass for enhanced industrial-grade durability. The hardened glass prolongs the lifespan of the screen and shields it from common wear and tear. The open-frame monitors utilize PCAP touch technologies allowing for 10-point multi-touch support, gesture recognition, and precise touch detection for precision touch capabilities. PCAP touch technology does not have moving components or relies on physical pressure points, therefore, enhancing durability.

- IP65 Front display
- PCAP Touch technologies
- 7H Tempered glass



Hassle-Free Maintenance and Reliability

Purpose-built for assured reliability and operational longevity, the FIO series is designed for extended operations and minimal to no maintenance required. These industrial open-frame monitors are measured for a Mean Time Before Failure (MTBF) of up to 50,000 hours and include a 3-year standard warranty. In addition to the FIO series' durability for long-term use cases, it utilizes TFT-LCD with LED backlights for optimized low-power consumption; saving both energy and extending the screen's lifespan for industrial use cases.



50,000+ Hours MTBF



3-Year Warranty



LED Power Efficiency





World-Class Certifications for Safety Compliance

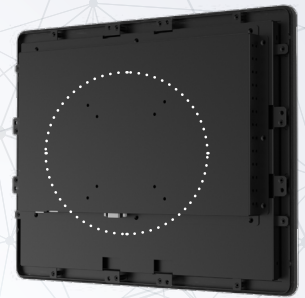


Gain peace of mind when deploying our FIO Series, featuring UL certification for safety and reliability. The FIO Series has undergone thorough testing and validation to meet safety standards compliance by UL, FCC, and CE. At Premio, we are committed to providing rugged computing solutions that are proven to operate in harsh environments. These certifications offer additional reassurance for the FIO's operational reliability in unconventional environments.

Industrial Alternative to Elo Open Frame Touchscreens

A Cost-Effective Drop-In Replacement

As an Elo drop-in replacement, the FIO Series is an alternative that delivers mirroring performance at a competitive cost. The FIO Series offers multiple standardized mounting options, exact to Elo open frame touchscreens, from VESA mounts (75x75mm and 100x100mm) to rear and panel mounting.



Size	Premio (FIO Series)	ELO (TouchPro) Series	ELO (TouchPro) Model Numbers
15" XGA 4:3	FIO-XG1500C	1590L	E334335 E176164
19" SXGA 5:4	FIO-SX1900C	1990L	E178104 E330817
21.5" FHD 16:9	FIO-FH2150C	2293L	E179647 E330429
		2294L	E180249 E330620
		2295L	E146083
27" FHD 16:9	FIO-FH2700C	2794L	E707022 E493591

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NEW

FIO OPEN FRAME TOUCH MONITOR SERIES



Model	FIO-XG1500C	FIO-SX1900C	FIO-FH2150C	FIO-FH2700C
LCD Size	15" (4:3)	19" (5:4)	21.5" (16:9)	27" (16:9)
IP Rating	Front IP65			
Max. Resolution	1024x768 @60Hz	1280x1024 @60Hz	1920x1080 @60Hz	
Brightness (cd/m ²)	350nits	250nits		300nits
Contrast Ratio	1000:1		3000:1	
Touch Type	Projected Capacitive (PCAP) Touch			
Surface Hardness	7H Tempered Glass			
I/O	1x Mini Din (External OSD), 1x USB (Type B) 1x DP, 1x HDMI, 1x VGA			
Power Adapter	100-240V AC, 50-60Hz			
Operating Temperature 0	0°C to 40°C		0°C to 50°C	0°C to 40°C
Certification	UL 62368-1 3rd Ed, FCC, CE			
Dimensions (WxHxD)	358 x 284.9 x 40.3 mm	420.1 x 348.1 x 42.1 mm	516 x 311 x 37.9 mm	644.2 x 388.4 x 40.8 mm
Weights (Net)	3.52 kg	4.82 kg	5.56 kg	7.35 kg
Mounting Options	VESA: 75x75mm, 100x100 mm Rear Mounting, Side Mounting		VESA: 100x100 mm Rear Mounting, Side Mounting	VESA: 100x100 mm, 100x200 mm Rear Mounting, Side Mounting