

GP6640WCDW HMI Web Terminal

**Features:**

- Secure Web-Based HMI Architecture
- 16 Million Colors
- Capacitive Touch Screen
- Rugged for Harsh Environments
- Remote Access Capability

Performance Specifications

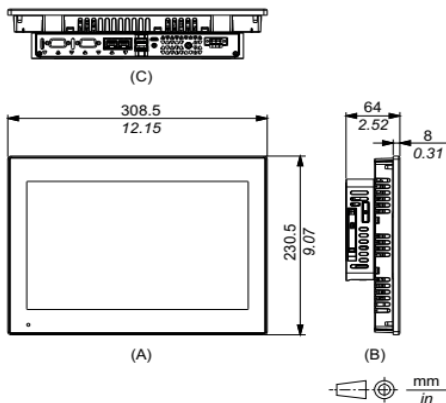
Model	PFXGP6640WCDW	
Graphics Display Resolution	WXGA TFT(1,280 x 800 Pixels)	
Display Type and Size	Color LCD (12.1-inch) Wide	
Display Colors	16 million colors	
Touch Panel	Projected capacitive (PCAP) with optimized noise filter, Multi-touch (two-point touch)	
Effective Display Area	261.12 x 163.2 mm (10.28 x 6.43 in)	
ToucPanel Resolution	2,048 x 2,048	
Backlight	Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)	
Backlight Service Life	50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)	
Brightness Control	16 levels (Adjusted with touch panel or software)	
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 2, Power supply voltage: 5 Vdc $\pm$ 5 %, Maximum current supplied: 500 mA ^{*1} , Communication distance: 5 m [16.4 ft.]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX ^{*3} , Connector: Modular jack (RJ-45) x 2 ^{*2}
	SD Card	SD card slot x 1. SD/SDHC/SDXC, UHS-I supported

^{*1} For USB allowable current to provided is limited 1 A total. ^{*2} The factory default for the ETH2 port is disabled. Use the System Settings to change it. For details, refer to Ethernet, page 87. ^{*3} For 1000BASE-Tcommunication, use twisted pair Ethernet cables with a rating of category 5e or higher.

General Specifications

Model	PFXGP6640WCDW
Input Voltage	Rated Input Voltage: 12...24 Vdc / Input Voltage Limits: 10.8...28.8 Vdc
Power Consumption	21 W or less when power is not supplied to devices via from USB, 14 W or less when screen turns off the backlight (standby mode) (Max 47 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s ² , X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU, IECEx / ATEX for use in zone 2 gas /zone 22 dust, CCCEX, NK
Operating Temperature	0 to 60 °C (32 to 140 °F)
Voltage Drop	10 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m ³ (10-7 oz/ft ³) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s ² , X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	Front IP65F, Type 1, Type 4X (indoor use only), Type 12, Type 13 (on the front panel when properly installed in an enclosure) Rear IP20
Weight	3.85 kg (8.49 lb) or less
External Dimensions	308.5 x 230.5 x 64 mm (12.15 x 9.07 x 2.52 in)
Panel Cut-Out Dimensions	295 x 217 mm (11.61 x 8.54 in) Panel thickness area: 1.6...5 mm (0.06...0.2 in)
Warranty	Two (2) years

External Dimensions

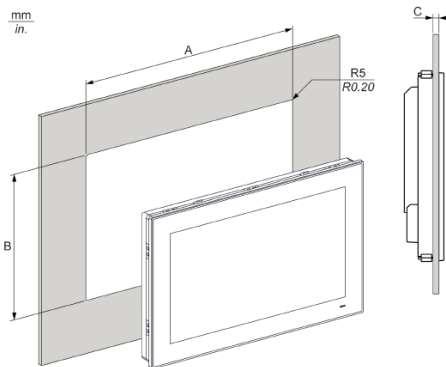


- A. Front
- B. Left
- C. Bottom

Ordering Information

Model Number	Description
PFXGP6640WCDW	12.1"W HMI Web Terminal 12.1"W 1,280 x 800 Pixels 16M colors display with capacitive multi-touch panel, Ethernet(RJ45) x 2, USB, SD Card, 24VDC, non-expandable

Panel Cut-Out Dimensions



Panel Cut Out	A	B	C
12.1" Wide	295 ±0.7 mm (11.61 ±0.03 in.)	217 ±0.4 mm (8.54 ±0.02 in.)	1.6 to 5 mm (0.06 to 0.2 in.)

Pro-face
Phone: 734.477.0600
www.profaceamerica.com

Customer Service Hotline: 800.289.9266

For more information

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