



# The Power of Expandability

## NEW Advanced

GP6000 Series / GPH6000 Series **GP-ProEX**

[proface.com](http://proface.com)

**Pro-face**<sup>TM</sup>

by **Schneider** Electric



# Solve Your Challenges

## DESIGN

### Customer Challenge

Are you facing challenges meeting diverse user needs and saving valuable engineering time?

### Solution

Speedy and Cost-Effective:  
Rapidly Meet Evolving Needs



Modular Design's simplified components enable speedy, cost-effective lineup development that meets end users' requirements; user-friendly machines simplify operations for everyone, while easy-to-maintain equipment reduces downtime and keeps operations running smoothly.

Plus, it's designed to tackle new challenges, including Eco-Design and Cyber Security, ensuring you stay ahead in a rapidly evolving market. With an extensive lineup, the GP6000 Series addresses special user requests without the need for extensive engineering for customizations.

## OPERATION

### Customer Challenge

Are you looking to boost productivity on the shop floor?

### Solution

Enhanced On-Site Productivity  
with State-Of-The-Art Machine



The high-performance HMI also boosts productivity on the shop floor, enabling your team to work more efficiently. With its flexible display sizes and customizable information options, you can easily adapt to your specific device or application needs, ensuring seamless operations.

Our commitment to eco-design means you can operate more sustainably while robust cyber security features protect your valuable data from potential threats. Elevate your operational efficiency and embrace innovation with the GP6000 Series.

## Require more enhancing operability

Advanced Handheld HMI GPH6000

### Operation Efficiency

Visual Excellence



### Support Safety Operation

Clear Status Recognition



### More Robust

Environment Resistance





# with Advanced HMI

## MAINTENANCE

### Customer Challenge

Are you facing challenges in achieving early recovery and minimizing downtime?

### Solution

Minimize Downtime and Maintenance with Quick Recovery from Troubles



Designed to enhance maintenance efficiency, the GP6000 Series features easy troubleshooting with guidance features, a modular design, and effective remote monitoring. These capabilities help you quickly identify issues, facilitating faster recovery and reducing overall downtime.

Additionally, the GP6000 Series minimizes the need for maintenance parts, allowing you to optimize your resources and keep your operations running smoothly. Experience hassle-free maintenance and keep your systems at peak performance with the GP6000 Series.

## MIGRATION / MINOR UPGRADE

### Customer Challenge

Are you looking to modernize and migrate your HMI without the hassle?

### Solution

Modernize Machine with Easy Migration HMI



Complete compatibility, including the same panel cut, software, and interface, allows you to upgrade seamlessly without extensive modifications. Plus, enjoy smooth touch operation and enhanced situational awareness and support for IIoT, eco-design principles, and robust cyber security features, the GP6000 Series empowers you to elevate your operations while safeguarding your data and promoting sustainability.

### Series

Effortless Operation



Enhanced Operational Adaptability



Remarkable Durability



Improved Operability



Secure Operation



Secure Hanging Solution



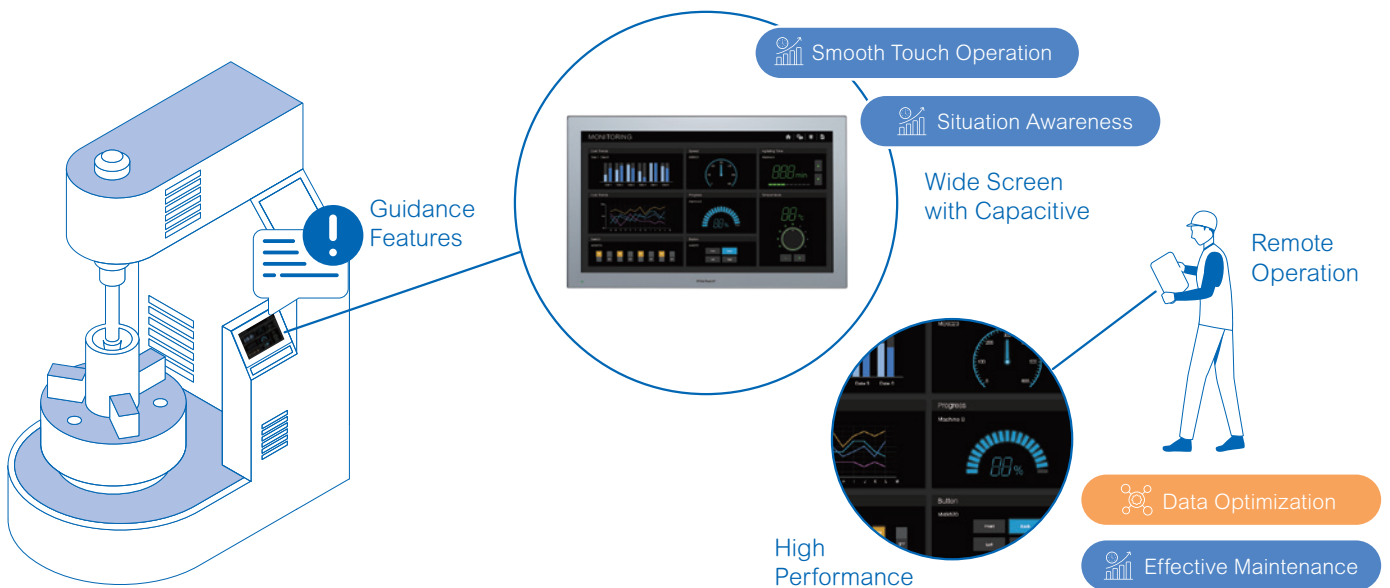


# Use Cases - Advanced HMI So

The Pro-face Advanced HMI is a high-performance HMI device designed to meet a wide range of industrial automation needs. It offers a variety of displays and Modular Box and Expansion Module to suit different environments and applications. With its expandability, the Advanced HMI provides flexibility for future system upgrades and customization. This makes it an adaptable solution for diverse industrial settings.

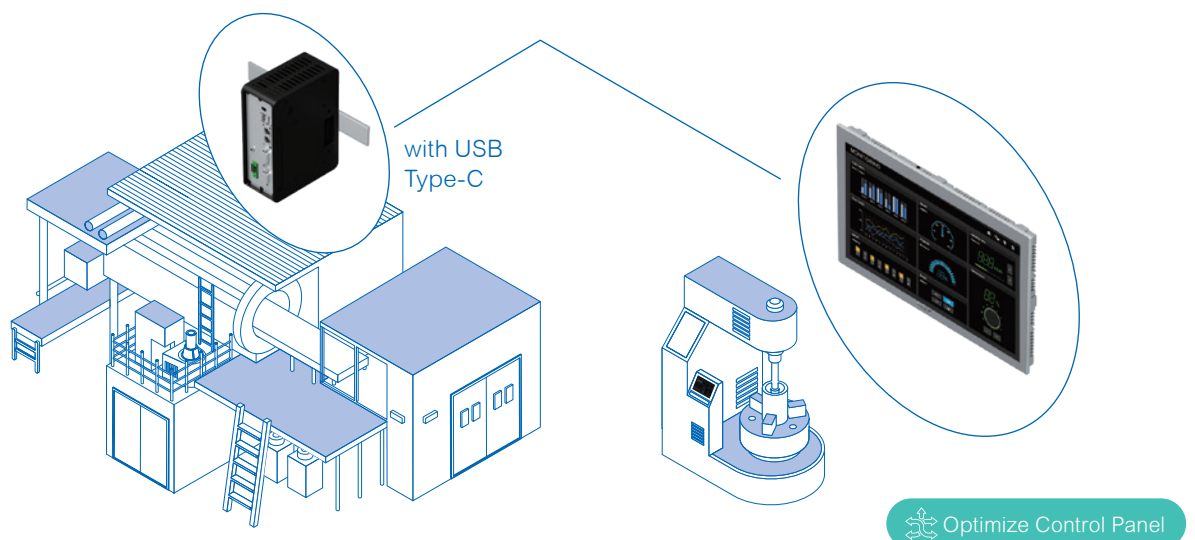
## Modernize and Efficiency

Modernize and enhance machine efficiency with cutting-edge display features, including **high-performance** HMIs and easy troubleshooting with **guidance features**.



## Separate Installation with USB Type-C

Designed for **harsh environments** (high vibration, high temperature, and high humidity), the separate installation with USB Type-C enables operations for large machinery, even at a distance from the controller.



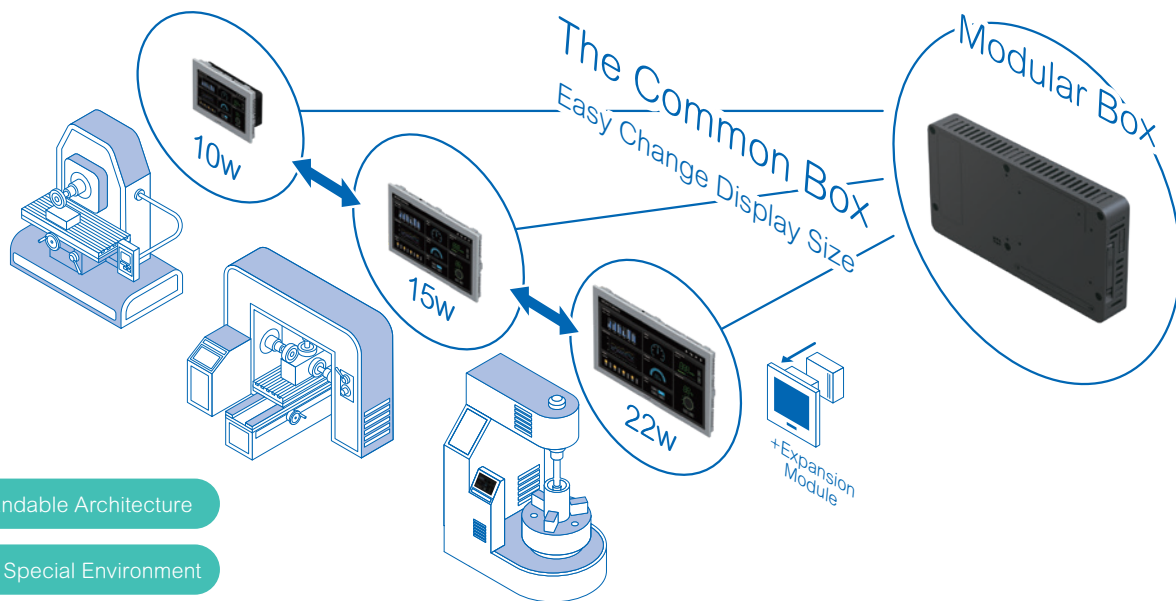


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versatile and

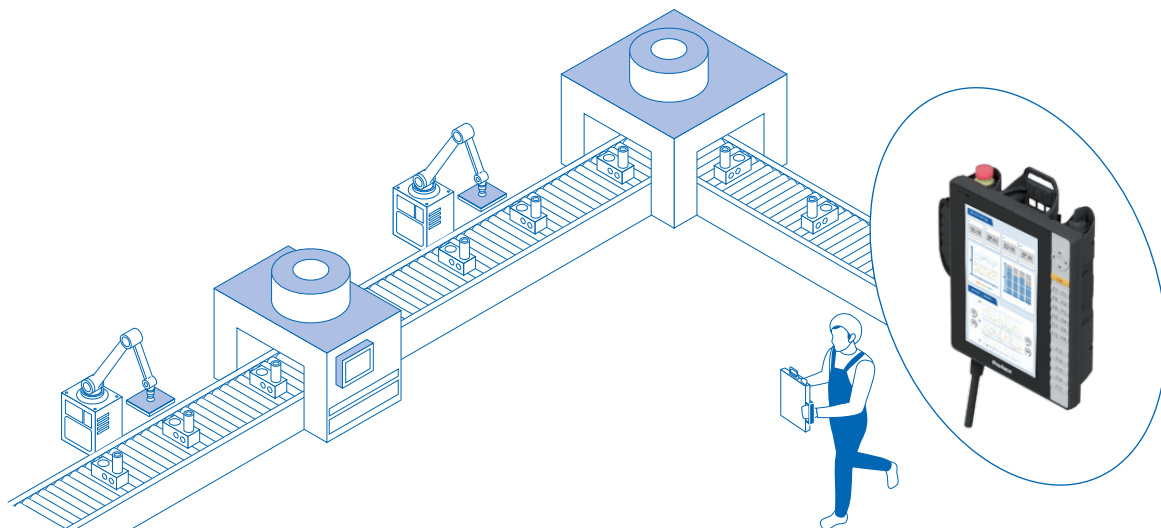
## Save Engineering Time

Adapt to changes in display size and additional interface requirements with the common box, thanks to its modular structure and a wide range of size options and display features.



## Enhanced Operability

Reliable safety operation with the Handheld HMI allows you to view equipment information wherever needed, significantly enhancing efficiency on the shop floor.



Handheld HMI



# GP6000 Series / GPH6000 Series Lineup Specification

GP6000

COMING  
SOON

Advanced Model -Enable Easy Expansion, Upgrades, and Adaptability-

UVPs

## Efficiency

### Smooth Touch Operation

Performance

PCAP  
+ Glass Top

### Situation Awareness

High-Resolution,  
More Colors

### Smart Migration

1 to 1  
-Compatibility

### Effective Maintenance

Modular Design

Guidance Features  
(PDF Viewer)

Real-Time  
Monitoring

Remote  
Monitoring

## Flexibility

### Optimize Control Panel

Wide Lineup

Common  
Display

Selectable  
Touch Mode

Separate-  
Installation

### Expandable Architecture

Easy Add-on  
(I/F Expansion Units)

### Adapt Special Environment

Certifications

## Connectivity

### Data Optimization

Network  
Segementation  
(W-Ethernet)

IT Connectivity  
(OPC-UA Server)

Ready Made Use  
App (HMI Centric  
Architecture)

## Sustainability

Sustainable  
Packaging

Green Material

Energy Efficiency











## Cyber Secure

Secure Remote  
Access

Secure Element

Secure Boot

Secure Seal








Power	DC 12- 24V	PFXGP6940WCDI	PFXGP6840WCDI	PFXGP6740WCDI	PFXGP6640WCDI	PFXGP6540WCDI	PFXGP6440WCDI	PFXGP6740TMDI	PFXGP6640TMDI	PFXGP6540TMDI	PFXGP6B40D
	AC 100-240V	PFXGP6940WCAI	PFXGP6840WCAI	PFXGP6740WCAI	PFXGP6640WCAI	PFXGP6540WCAI	—	PFXGP6740TMAI	PFXGP6640TMAI	PFXGP6540TMAI	PFXGP6B40A
Photo											
Size	Wide							4:3			Box
	22" w	19" w	15" w	12" w	10" w	7" w	15"	12.1"	10.4"	DINBOX	
		FHD	FHD	FHD	1,280 × 800	1,280 × 800	800 × 480	1,024 × 768	1,024 × 768	800 × 600	800 × 480 ~ FH
Display	PCAP (Capacitive) - 2points							Analog multi - 2 points			—
	Glass top							Plastic overlay			—
Structure		Modular					All-in-one	Modular			—
Expantion Module		Up to 2 units									Up to 5 units
I/F	COM	× 2 (RS-232C × 1, RS-422/485 × 1) (Expandable)									
	LAN	× 2 (1GB) (Expandable SW routing only available with Expansion)									
	USB	Type-A × 2 / micro-B × 1						Type-A × 2 / micro-B × 1 on back Type-A × 1 / micro-B × 1 on front			USB Type-A × 1 micro-B × 1 Type-C × 1
	Storage	SDCX × 1									
Certification*		CE, UKCE, UL, EAC, KC, UKCA, UL C1D2, ATEX/IECEX, KCs , UKCEX, CCCex, Marine									
Software		GP-Pro EX									
Repair		Available									

\*ATEX/IECEX, KCs, CCCEx: only DC Model / Marine: only DC Model (except 19W model, 22W model, N2 Model). Please check the website for the latest information.



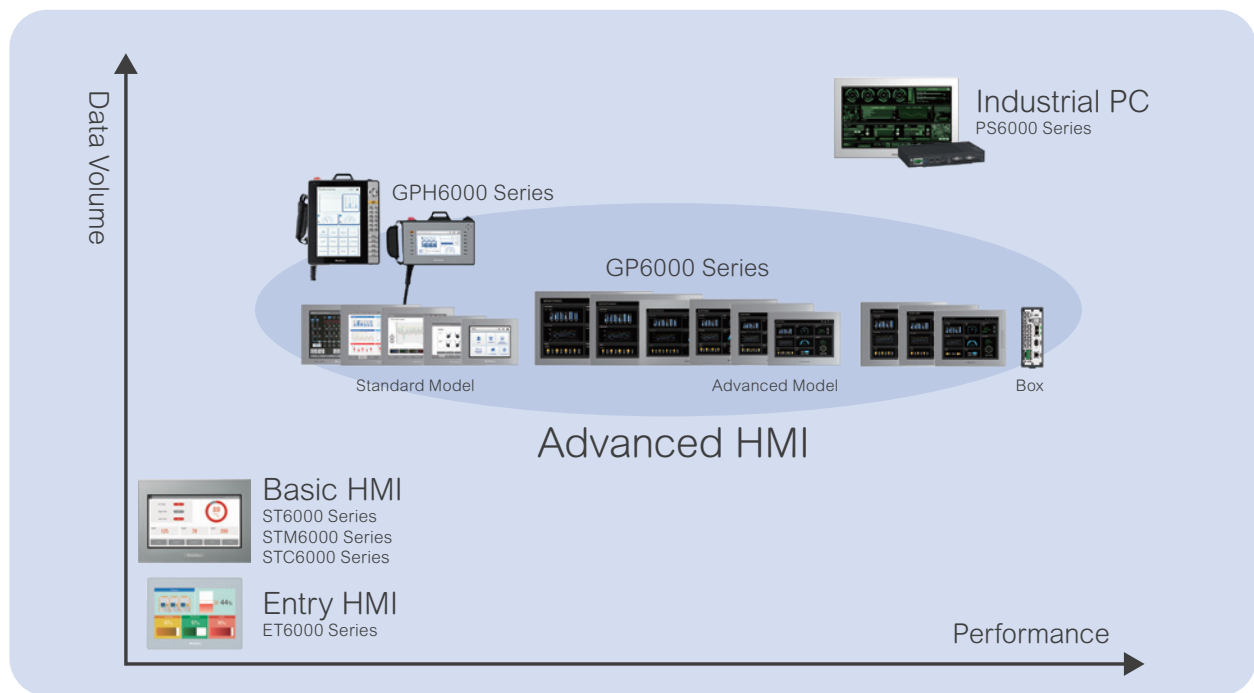
## Handheled HMI



Model	PFXGP6600TMD	PFXGP6600TAD	PFXGP6500TMD	PFXGP6500TAD	PFXGP6400TAD	PFXGP6300TAD	PFXGP6600TADFZZ6	PFXGPH6500WCD	PFXGPH6400WCD
Model	PFXGP6600TMA	PFXGP6600TAA	PFXGP6500TMA	PFXGP6500TAA	—	—	—		
							 N2 Model		
	4:3							Wide	
	12.1"		10.4"		7.5"	5.7"	12.1"	10" w	7" w
Resolution	1024 × 768		800 × 600		640 × 480	640 × 480	1024 × 768	800 × 1,280	1024 × 600
	Matrix - 2 points	Analog-single	Matrix - 2 points	Analog-single	Analog-single			PCAP (Capacitive)-2points	Analog-single
	Plastic overlay							Glass top	Plastic overlay
	All-in-one							All-in-one	
Size	—							—	
	× 2 (RS-232C × 1, RS-422/485 × 1)							× 1 (RS-232C/422/485 × 1)	
	× 2 (100MB)							× 1 (100MB)	
Storage	Type-A × 1, micro-B × 1							Type-A × 1	
	SDCX × 1							SD × 1	
	CE, UKCE, UL, EAC, KC, UKCA, UL C1D2, ATEX/IECEX, KCs, UKCEX, CCCEx, Marine							CE, UKCE, UL, EAC, KC, UKCA	
	GP-Pro EX							GP-Pro EX	
	Available							Available	



## Wide Range of HMIs and IPC



[proface.com](https://www.proface.com)

Visit Pro-face web site for more information  
<https://www.proface.com/en>