

Enabling an Intelligent Planet

Advantech Automation Panel

Next Generation of HMI - True Flat Touch and Intelligent Keys





product design award



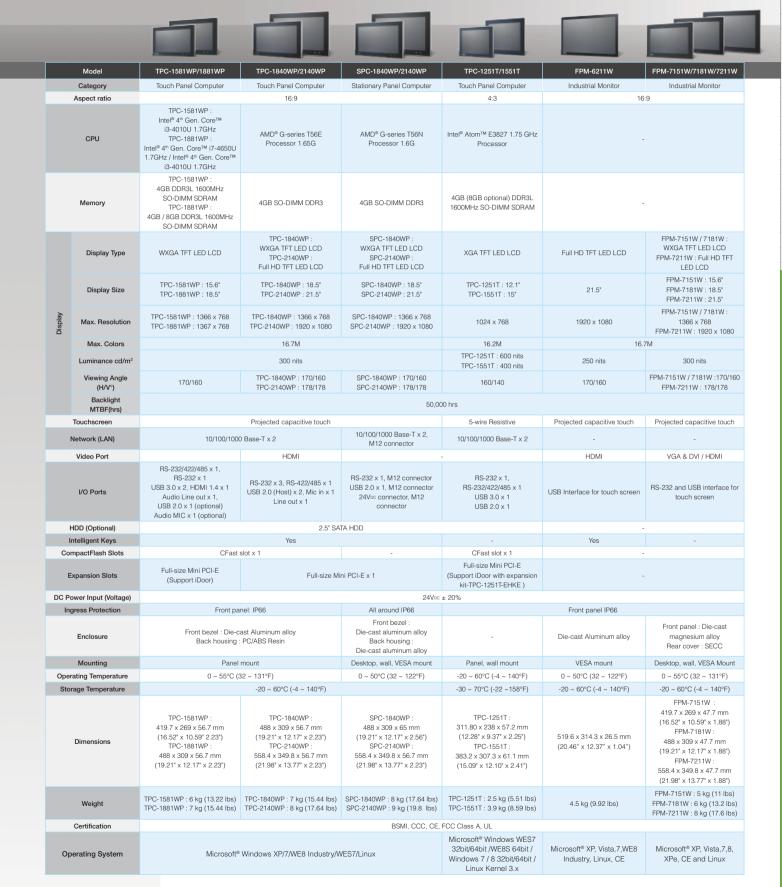




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Advantech Automation Panels

Next Generation of HMI- True Flat Touch and iKey





16:9 Wide Screen & Multi-touch

16:9 widescreen adds 40% viewing area to display more information for easier management than a traditional 4:3 display. By integrating multi-touch functionality, factory workers can increase operational safety with two-point key confirmation.



Magnesium-alloy Front \

With a magnesium alloy front, the thin client panel computers have a reduced weight of 35% compared to aluminum alloy models with 18.5" and 21.5" sizes.



IP66 True Flat Touch Screen \

Protected by IP66 certification with true flat PCT and resistive touch, thin-client panel computers support a 7H hardness anti-scratch surface to prevent accidental scratches caused by tools such as screwdrivers.



Intelligent Keys & Customized UI

Through touch-like intelligent-key support, thin-client panel computers provide an intuitive GUI & usability to simplify operating steps to save time. Customers can easily customize their own UI by using the updated SDK and API released on the official website.



Remote Management by Built-in \ Embedded Controller

With a built-in embedded controller combined with cloud computing technology, the thin-client panel computers provide a more efficient solution for remote management to reduce the TCO of production.



Multiple I/Os with M12 Connector

The thin-client panel computers p rovide a wide variety of I/O ports including: COM-port, USB, 1000Base-T LAN, HDMI, and Audio ports with IP rating M12 connecto r.



More Powerful Graphical Processors

With a more powerful graphics processor, the thin-client panel computers offer advanced graphical performance for more efficiency when handling complicated processes.

Advantech's new range of star products include several new models in the Touch Panel Computer(TPC), Stationary Panel Computer(SPC) and Industrial Monitor(FPM) range of devices, all of which come with true flat style by 16:9 multi-touch displays or 4:3 5W resistive touch, high-performance dual-core processors and IP66 certified front panels making them more elegant and fit for smart factory. Furthermore, Advantech Panels have combined cloud computing technology to make the solutions more efficient, reduce the cost of production and provide factory workers with more intuitive management of the production line.









Support iDoor Technology

With Advantech iDoor Technology, customers can add system functions through the variety of standardized modular I/Os. Modules for iDoor systems include: Fieldbus protocol; memory expansion and storage; digital and analog I/O; WAN, MAN and LAN communications with Wi-fi, GPS, GPRS and LTE.



Supports Standard VESA Arm

With support for a standard 100x100mm VESA Arm, the thin-client panel computers are suitable for various applications such as automotive production.



Easy-Installation

With a special snap design, the thin-client panel computers can be easily installed by one person thereby speeding up the installation process.



Long Distance Display

By using the next generation digital video interface, the thin-client panel computers provide a long distance interface for video and USB signals.

Intelligent Software

Advantech WebAccess



Advantech WebAccess is a 100% web browser-based software package for HMI and SCADA with private cloud software architecture. All the features found in conventional HMI and SCADA software including Animated Graphics Displays, Real-time Data, Control, Trends, Alarms and Logs, are available in an standard web browser. WebAccess is built around the latest internet technologies.





SUSIAccess-Remote Device Management

SUSIAccess is an innovative remote management and cloud-based software preloaded in all Advantech embedded solutions, allowing the efficient and centralized remote monitoring and management of embedded devices in real-time, device health status, system configuration, system protection, and recovery & backup. SUSIAccess targets the needs of creating a more intelligent and interconnected embedded computing solution.

Panel Express



PanelExpress is a Windows based HMI runtime software, it enables you to utilize the resources of a PC, such as computation power, multimedia and bigger screen to realize a high-end sophisticated HMI.



Data collection, alarm monitoring, recipe handling, and history of logging



No limitation on the internal I/O points



Supports over 450 PLC communication protocols



Over 50 kinds of screen objects



Supports 16 communication links

Advantech Innovative Design Concept- Simple, Flexible, Reliable

As a leading provider of Industrial PC, Advantech devoted to innovation product/service development. To be the pioneer in intelligent automation technology, the i-concept represents the intelligent, integrated and intuitive design which covers the innovation of service model, user behavior and cutting-edge technology that opens a new era of industrial automation.



An integrated intelligent key brings simplified intuitive operation for configuring your automation panel. With a flexible software design, customized functions are easier to carry out.



A standardized modular Interface which offers flexible expansion to increase the number of applications and expand system functions through the variety of standardized modular I/Os.



A Reliable Long Distance Transmission Technology which transfers video signals and touch control over a single Ethernet cable which overcomes interference in harsh environments not only for data connections, but also for a cost effective multiple display solution.

Regional Service & Customization Centers

China

Taiwan

Netherlands

Eindhoven 31-40-267-7000

Poland

USA/ Canada

Worldwide Offices

Greater China

Beijing Shanghai

86-10-6298-4346 86-21-3632-1616 86-755-8212-4222 86-28-8545-0198

Taiwan

886-2-2792-7818 886-2-2218-4567 886-4-2378-6250 886-7-229-3600

Asia Pacific

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