

17" All In One Fanless Panel PC for Rugged Kiosk Applications - IP65 Front Bezel with Speaker Holes



*WLP-7820-17
IP65 front bezel w/
speaker holes*



*WLP-7820-17
Panel mount w/
heatsink-like rear cover*



*WLP-7821-17
Open frame w/ edge
mounting bracket*



*WLP-7821-17 chassis w/
aluminum plate rear cover
& TV card integrated*

Hsinchu, Taiwan, November 17, 2009 – Wincomm develops WLP series all in one fanless panel PC for various industrial automation applications, such as factory & production shop floor control station, human machine interface (HMI) device, point of information (POI) terminal, building automation console, intelligent transportation system, computer or information kiosk...etc. All WLP panel PC are designed with rugged metal enclosure and can support fanless operation up to 40° C ambient temperature.

The WLP series includes many different size LCD panels, 6.5", 10.4", 12.1", 15", 17" and 19". Low power & high performance processors are available with VIA Mark, C7, Intel Celeron M, Pentium M and Core Duo. For different touch usage, resistive, capacitive, surface acoustic wave and infrared touch panels are verified ready for integration.

Of all the products, 17" is a good form-factor with 1280x1024 high resolution and compact size. Wincomm has two 17" panel PC for industrial automation/kiosk applications, the entry model is WLP-7820-17 and WLP-7821-17 is more powerful and feature-rich.

WLP-7820-17

The entry model WLP-7820-17 is powered by Intel Pentium M 1.8 GHz processor, 400 MHz FSB (Front Side Bus) and 1 GB single channel DDR-333 SODIMM memory. HDD anti-vibration bracket, watchdog timer AP and temperature monitoring AP further makes it a reliable product.

Wireless LAN is available with factory's mini-PCI kit or user can choose off-the-shelf PCMCIA card. For interactive application, resistive touch integration is ready; for multimedia requirements, factory can integrate 2W x 2 speakers and a IP65 front bezel with speaker holes.

The WLP-7820-17 is slim with 73 mm thickness, with aluminum front bezel and SECC/heatsink-like rear cover design, this model can be configured as open frame or panel mount form-factor and is more suitable to be used as a device-integrated panel PC.



WLP-7821-17

The high-end WLP-7821-17 is powered by Intel Core Duo 2.0 GHz processor, 667 MHz FSB and 2 GB dual-channel DDR2-667 SODIMM memory. HDD anti-vibration, watchdog timer AP and temperature monitoring (with CPU underclocking) AP further enhance the product reliability. Extra DVI-I output is very useful for dual displays application.

Wireless LAN is available with factory's mini-PCI kit or off-the-shelf PCMCIA card. For basic video/multimedia application, extra optional module is designed-in to allow easy adding of USB 2.0 TV/video capture card and 2 W x 2 speakers. For touch panel integration, resistive, capacitive, surface acoustic wave and infrared all are verified ready for different touch requirements.

Besides the aluminum front bezel, for best heat dissipation, an aluminum plate is used for the rear cover. This also allows WLP-7821-17 to be configured as a chassis form-factor for stand-alone usage.

Summary

17" panel PC delivers high resolution and compact housing for industrial automation/kiosk applications. Wincomm offers the entry WLP-7820-17 and more powerful/feature-rich WLP-7821-17, user can choose base on their requirement and budget. Both models support fanless operation, rugged metal enclosure and can be remotely controlled by Wincomm remote device management (WRDM) software to get the best productivity.

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If you have any questions or requests to our products, please contact our Sales representatives or mail directly to sales_support@wincomm.com.tw

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