

Ideal Interface for Production Efficiency in Factory Automation: AMB-2003 Panel PC

Do you ever notice how many connectors are in one electronic product, and how many electronic products there are in the world? Due to high quantity demand for connectors, hundreds and thousands of connector producing machines are in operation non-stop 24-hours a day, 365-days a year. Consequently, production automation is a key factor for smooth and efficient management in this industry. The Aaeon **AMB-2000** series Panel PCs are designed to perform such applications.



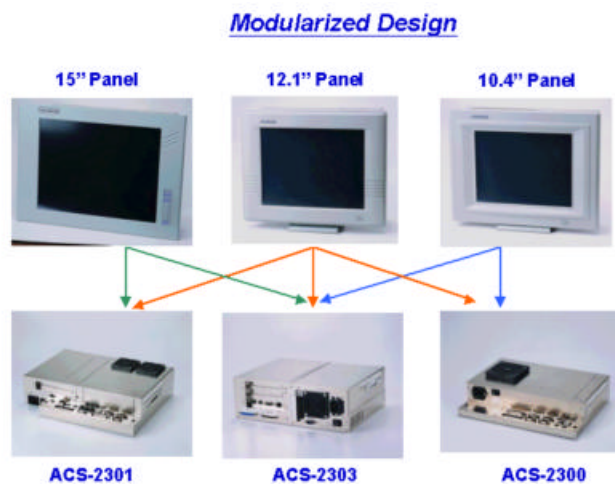
One of the world's leading connector producers uses our AMB-2003HTT as a **H**uman **M**achine Interface (HMI) in their equipment for processing, electroplating, perforating and general automation. The industrial-grade shockproof structure and two free expansion slots of the AMB-2003 allows it to be installed as a controlling and monitoring unit in the system. *The key point is a rotatable mounting mechanism which can fit any existing equipment*, customers just need to prepare a spot on existing facilities to fix the mounting mechanism, instead of worrying how to make a hole for panel-mounting. This automation package is simple, easy, and very popular for the Factory Automation field.



Features of the AMB-2003 series are:

- Rotatable Mounting Mechanism (360°)
- Full-function PC-based system
- Modularized Design
- Two Free Expansion Slots
- Anti-vibration design
- Impact-resistant mechanism
- Compact dimensions
- Water-proof front panel meets NEMA 4/12
- 10.4" high brightness TFT LCD

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In general, Aaeon Industrial Panel PCs can be used for any kind of factory automation. We offer a selection of 10.4", 12.1" or 15" size LCDs with performance levels from 486 to Pentium III. Our modularized design is a benefit for the systems supplier during service, installation and maintenance since the control box can be separated from the LCD and can either be used as a stand-alone unit or

be mounted on a wall. The NEMA 4/12 & IP65 compliant front panel is waterproof and can function in the harsh environment of any industrial factory. In addition, an optional resistive touchscreen can be a more convenient and user-friendly method of operation for the user. With the support of our R&D team, we can customize our Panel PCs to meet varying requirements of different system configurations and applications.

Ordering Information

- **AMB-2003HT**
Modular system Panel PC, ACS-2303 with 10.4" color TFT LCD display
- **AMB-2003HTT**
AMB-2003HT + resistive touchscreen (RS-232 interface)
- **AMB-2023HT**
Modular system Panel PC, ACS-2303 with 12.1" color TFT LCD display
- **AMB-2023HTT**
AMB-2023HT + resistive touchscreen (RS-232 interface)
- **AMB-2053HT**
Modular system Panel PC, ACS-2303 with 15" color TFT LCD display
- **AMB-2053HTT**
AMB-2053HT + resistive touchscreen (RS-232 interface)
- **ACS-2303**
FC/Socket 370 PISA SBC, 70W AC power supply
- **Optional**
 - CPU
 - HDD
 - Slim CD-ROM
 - Slim FDD
 - RAM
 - 70W DC10~30V power supply
 - **ARM-MK10-0**
Rotatable Mounting Mechanism for AMB-2003 series, Black color
 - **AKB-106**
20 function-key membrane keyboard
 - **AKB-107**
56 data-entry membrane keyboard