

**Ideal Interface for Production Efficiency in Factory Automation:
AMB-2020HT Panel PC**

One French company is manufacturing packaging components, valves, pumps, pushers and terminations for sprays, and mainly, distribution systems for industrial high-end perfume, pharmaceutical and cosmetic fields.



In the year 1998, the industrial operations manager was looking for an "open and multifunction" operator interface and a machine control computer. All of this, had to communicate with the factory network level and able to be duplicate in all French factories.

The computer had to link with measurement devices, graphic curves to manage the quality of production and keep running 24 hours a day.

The AAEON **AMB-2020** Panel PCs are designed to perform such applications. Despite the competition with international models, the customer preferred the **AMB-2020** product equipped with a stainless steel cabinet that AAEON French distributor IP Systemes proposed for this project concerning production machines.



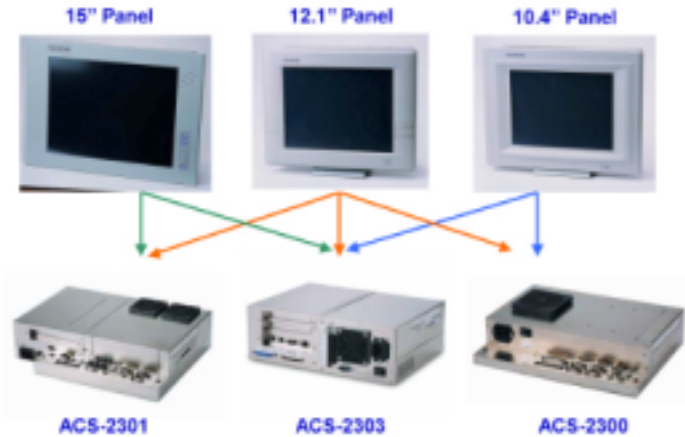
The build-in resistive touchscreen mounted on 12.1" TFT LCD display allows quickest adaptation to the process modifications and control commands.

The waterproof front panel meets application requirements with its IP65 specification. Four serial, one parallel, two PS/2 communication ports, dual USB and Ethernet controllers provide all the necessary tools for this industrial application type. Furthermore, depending on the needs, this station can support a drive space for CD-ROM, floppy and hard disks.

By such main specifications, customer can be sure to obtain a system with good features, reduced size, easy to repair and a strong technical support.

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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. With the support of our R&D team, we can customize our Panel PCs to meet varying requirements of different system configurations and applications.



Download

AMB-2000 website: http://www.aaeon.com.tw/product/product05_2.asp?model=AMB-2000{

AMB-2020 website: http://www.aaeon.com.tw/product/product05_2.asp?model=AMB-2020{

Datasheet: <ftp://ftp.aaeon.com.tw/DOWNLOAD/Data%20Sheet%20PDF/AMB-2000DataSheet.pdf>

E-news: <ftp://ftp.aaeon.com.tw/DOWNLOAD/Release/AMB-2000PRE.pdf>

Vibration test: <ftp://ftp.aaeon.com.tw/DOWNLOAD/testreport/PPCRPT/VIBR/AMB2000VIR.pdf>

Shock test: <ftp://ftp.aaeon.com.tw/DOWNLOAD/testreport/PPCRPT/SHOCK/AMB2000SHK.pdf>

Ordering Information

- **AMB-2000HT**
Modular system Panel PC, ACS-2300 with 10.4" color TFT LCD display
- **AMB-2000HTT**
AMB-2000HT + resistive touchscreen (RS-232 interface)
- **AMB-2020HT**
Modular system Panel PC, ACS-2300 with 12.1" color TFT LCD display
- **AMB-2020HTT**
AMB-2020HT + resistive touchscreen (RS-232 interface)
- **ACS-2300**
All-in-one NS Geode GXm 233MHz SBC, 70W AC power supply
- **Optional**
 - CPU
 - HDD
 - RAM
 - 70W DC10~30V power supply
 - **ARM-MK10-0**
Rotatable Mounting Mechanism for 10.4" Panel PC, Black color
 - **M012303080**
ACS-2300 wall mount kit
 - **AKB-106**
20 function-key membrane keyboard
 - **AKB-107**
56 data-entry membrane keyboard