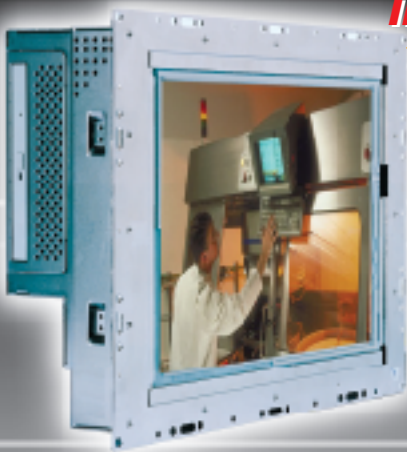
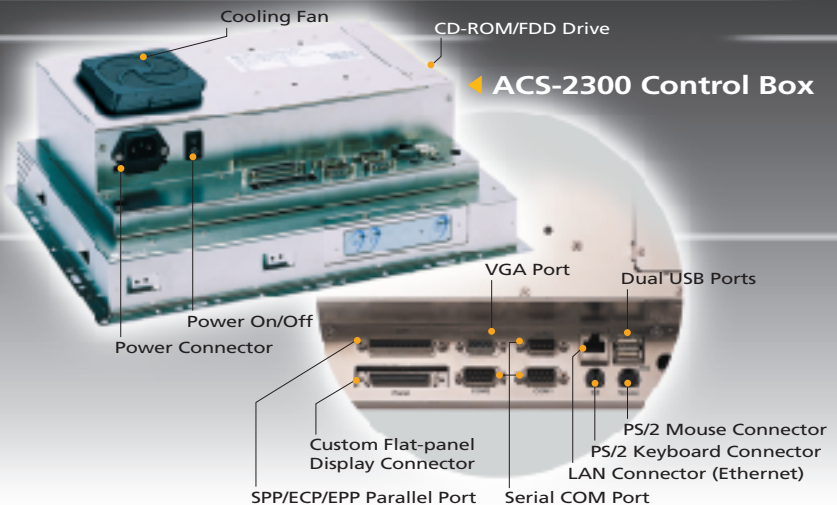


AMB-2020 (Open Frame Series)



IP65 certified

◀ **AMB-2020**
Open Frame 12.1" Front Panel
+ ACS-2300 Control Box



Features

- 12.1" SVGA color TFT LCD display
- Heavy-duty steel chassis
- Front panel with frame is IP65 certified
- All-in-one SBC, onboard NS Geode GXm 233MHz
- Four 16C550 RS-232C ports; one RS-232C port can also be set as RS-422/485
- Disk drive space for CD-ROM, FDD and HDD
- Supports DiskOnChip and DiskOnModule
- Adjustment-panel on the rear panel
- Aluminum front bezel (optional)
- Resistive touchscreen (optional)
- Rotatable mounting mechanism (optional)

**Note : Audio jacks are not in I/O ports even though OS will detect the device and need the driver*

Power supply

- **Input Voltage** : 85 ~ 270V AC

24V DC Input 70W (optional)

- **Input Voltage** : 10 ~ 30V DC

Specifications

- **Construction** : Heavy-duty steel chassis
- **CPU** : Onboard NS Geode GXm 233MHz
- **Memory** : Supports up to 128MB
- **Display** : 12.1" SVGA (800 x 600) color TFT LCD
- **LCD/CRT controller** :
NS Cx5530 Chipset
UMA supports up to 2.5MB display memory
- **Network (LAN)** : Realtek RTL8139B 10/100 Base-T Ethernet controller
- **I/O ports** :
4 serial ports : 3 x RS-232, 1 x RS-232/422/485
(One is reserved for touchscreen)
1 parallel port (supports ECP/EPP)
1 PS/2 keyboard interface
1 PS/2 mouse interface
- **Disk Drive Housing** :
3.5" HDD or
2.5" HDD and Slim FDD or
2.5" HDD and Slim CD-ROM
(3 types of housing which are not compatible)
- **USB connector** : Dual USB ports
- **Mounting** : Panel, Handle and Rear mount
- **Power supply** :
Universal 70W switching power supply
- **OS Support** : MS DOS, Windows 98/SE, Windows NT4.0
- **Dimension (W x H x D)** :
350 x 275 x 116mm (13.8" x 10.8" x 4.5")
- **Carton Dimension (W x H x D)** :
479 x 384 x 254mm (18.8" x 15.1" x 10")
- **Gross Weight** : 10.3Kg (22.7 lbs)

Environmental Specifications

- **Operating temperature** : 0° to 45°C (32 ~ 113°F)
- **Operating humidity** : 5 to 90%, non-condensing
- **Vibration** : Random Non-operation 2G 5 ~ 500Hz
- **Shock** : 15G peak acceleration (11 msec. duration)
- **EMC** : CE / FCC Class A

Touchscreen (optional)

- Type** : 8-wire, analog resistive
- Resolution** : 1024 x 1024
- Light transmission** : 75%
- Lifetime** : 1 million activations
- Controller** : RS-232 interface

LCD Specifications

| | |
|-------------------------------------|------------------------|
| Model | AMB-2020 |
| Display type | 12.1" color TFT LCD |
| Max. resolution | 800 x 600 |
| Max. colors | 256K |
| Dot size (mm) | 0.3075 x 0.3075 |
| Luminance (cd/m²) | 250 (TYP) |
| Viewing angle | 120° (H) 90° (V) |
| Operating temperature | 0° ~ 45°C (32 ~ 113°F) |
| Brightness control | Digital |
| Back Light MTBF(Hrs) | 50,000 |

Dimension

AMB-2020

