



Features

- Supports Intel® Celeron® 1020E or 3rd Generation Intel® Core™ i processors
- 2x DDR3 SO-DIMM, Max. 16GB
- Onboard dual Gigabit LAN
- Optional 2MB battery backup NVRAM (SRAM)
- 2x expansion slots
- Dual DVI-I display outputs

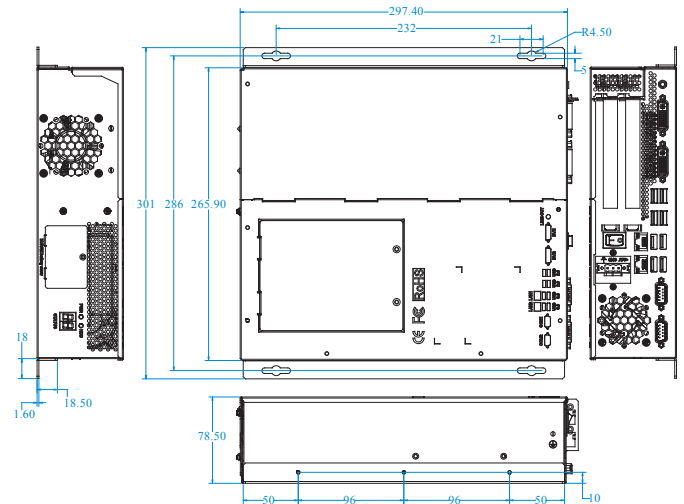
Specifications

| | |
|--------------------------|--|
| System Mainboard | Customized board |
| CPU Type | Intel® Celeron® 1020E / 3rd Generation Processors (2.2Ghz with 2MB cache) |
| System Speed | Up to 3.3Ghz |
| Memory | 4GB DDR3 SO-DIMM (Max. up to 16GB) |
| Construction | Steel |
| Chassis Color | Sliver |
| Front Panel External I/O | 2x RJ45 (Gigabit Ethernet) 2x RS-232 (D-sub) 2x DVI-I (supports Analog + Digital) 4x USB 2.0 4x USB 3.0 1x Line Out 1x DC input (3-pin phoenix connector with locking) 1x Power On/Off switch |
| Expansion slots | ABP-IP701: 1x PCI-E(x16) + 1x PCI-E(x4) ABP-IP702: 1x PCI + 1x PCI-E(x16) ABP-IP703: 2x PCI |
| Storage | 2.5" SATA HDD or SSD |
| Mounting | Desktop or wall mount |
| Dimensions | 297.4mm(W) x 266.2mm(D) x 78.5mm(H) 11.71"(W) x 10.48"(D) x 3.09"(H) |
| Operating Temperature | 0°C~55°C (32°F~131°F) |
| Storage Temperature | -20°C~80°C (-4°F~176°F) |
| Relative Humidity | 10%~90% (non-condensing) |
| Vibration | Operating: 10~58Hz: 0,075 mm, 58~500 Hz: 9.8 m/s ² Non-Operating: 5~9Hz: 3.5 mm, 9~500 Hz: 9.8 m/s ² |
| Certification | CE/FCC Class B, LVDS |

Ordering Information

| | |
|--------|---|
| AMS200 | Box PC Controller with Intel® Celeron® 1020E 2.2Ghz CPU with 4GB DDR3 SO-DIMM, 2.5" 500GB SATA HDD and 1x PCI + 1x PCI-E(x16) expansion slots |
|--------|---|

Dimensions and Drawing



Why AMS200?

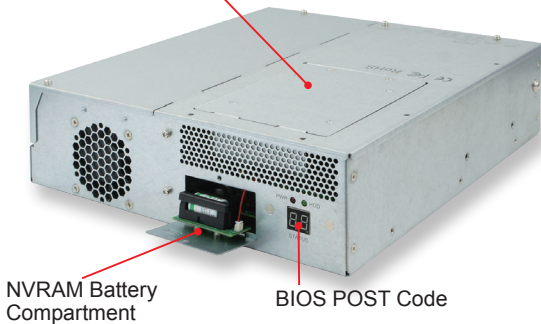
Electrical

- Supports 3rd Generation Intel® Core™ i7/i5/i3/ Celeron® Processors
- Up to 16GB DDR3 memory
- 2x Gigabit LAN, 2x RS-232, 2x DVI-I, 4x USB 2.0, 4x USB 3.0, 1x Mini PCI-E, 2x SATA III
- Direct 24V DC input voltage (+/- 15%)
- 2MB NVRAM backup

Mechanical & Environmental

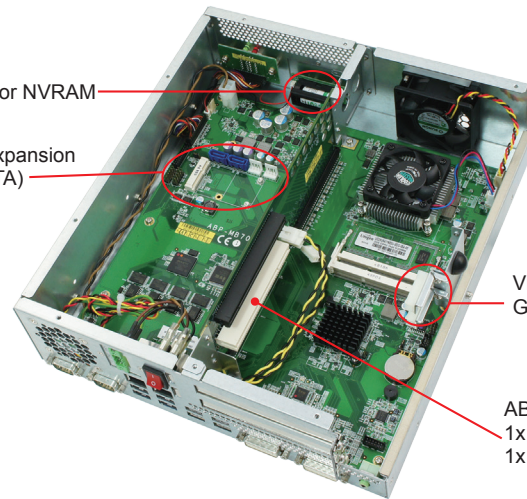
- Motherboard MTBF of >200,000 hours (Based on Telcordia Issue 2 calculation model)
- Vibrations -
Operating: 10~58Hz: 0,075 mm, 58~500 Hz: 9.8 m/s²
Non-Operating: 5~9Hz: 3.5 mm, 9~500 Hz: 9.8 m/s²
- Shock
In accordance with IEC 60068-2-27
Operating: 50m/s², 30ms
Non-Operating: 250 m/s², 6ms
- Operating Temperature: 0°C ~ 55°C
- Certification: CE/FCC Class B

2.5" Removable HDD/SSD Housing with Shock Absorber



Battery for NVRAM

Mini PCI-E Expansion (USB + mSATA)



Vibration Damper / Guide for Riser Card

ABP-IP702 Riser Card:
1x PCI-E(x16)
1x PCI

Applications for AMS200

