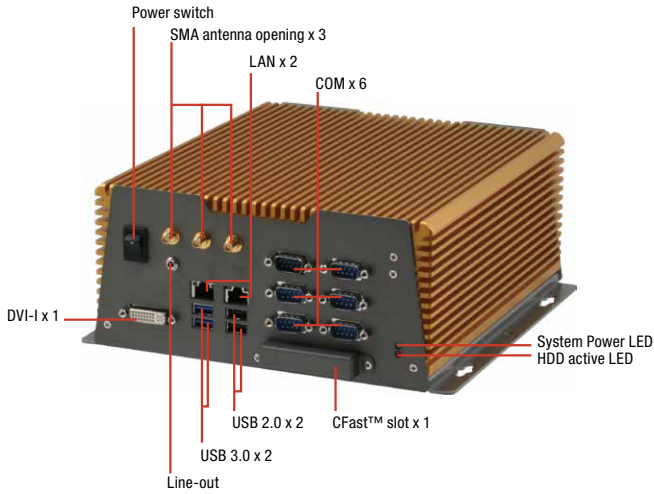


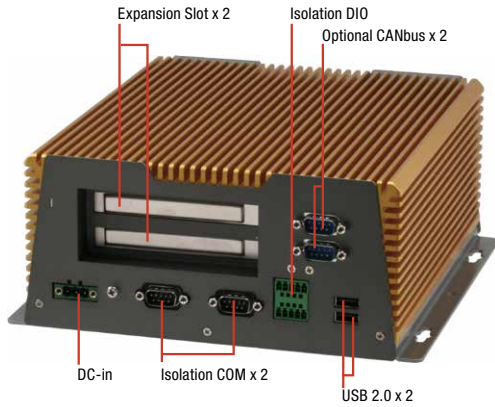
# 10 AEC-6913

## Fanless Embedded Box PC with Intel® NM10 Chipset

Front View



Rear View



## Features

- Intel® D2550 1.8 GHz Processor
- Intel® NM10 Chipset
- COM Module Integrated
- Isolated DI x 4 & DO x 4 (3KV)
- Isolated RS-232/RS-422/RS-485 x 2 (3KV)
- PCI x 2 or PCI-E [x1] x 1
- SIM Card Slot x 1
- Mini-PCIe Mini-Card Slot x 2
- Fanless Operation (-20°C ~ 75°C) with Airflow



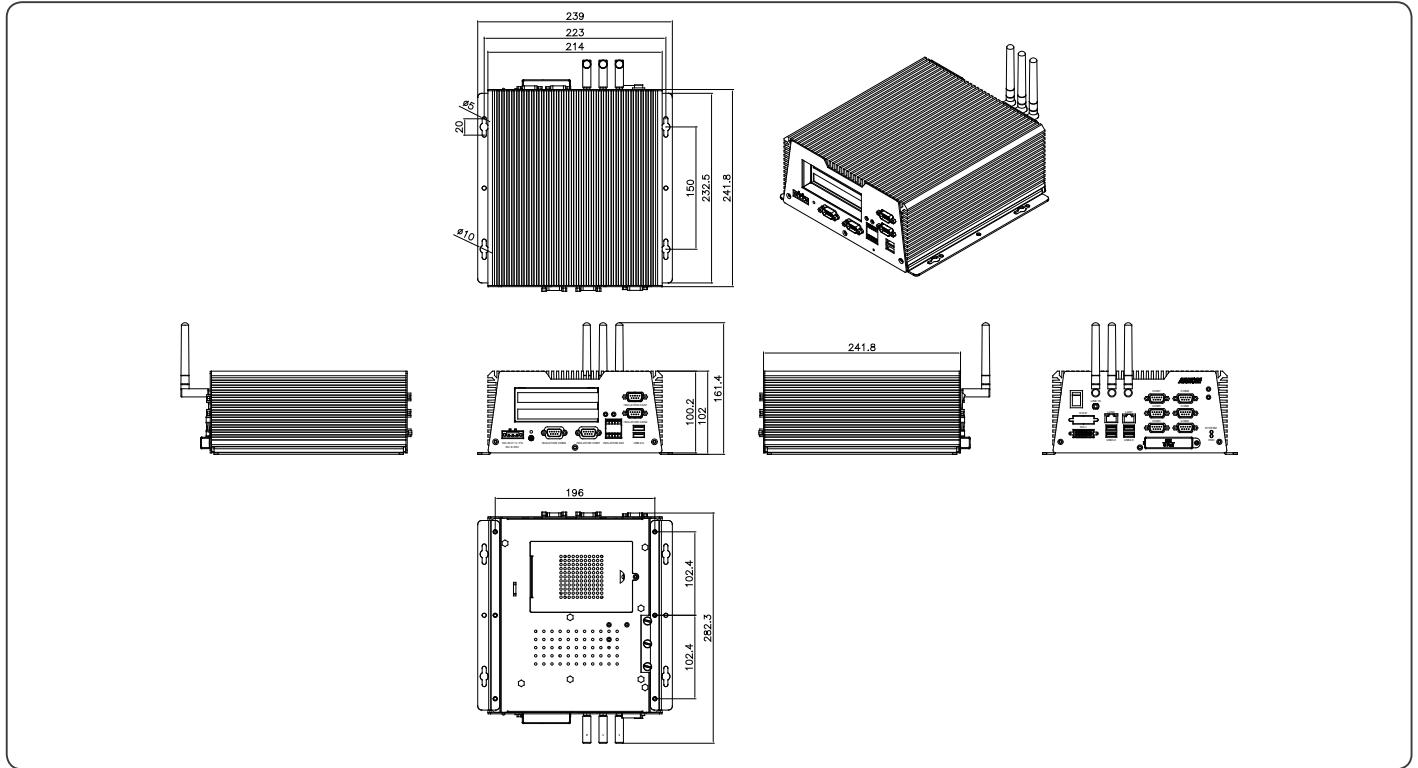
|                        |  |
|------------------------|--|
| Expansion              | Full-size Mini-Card x 2<br>PCIe [x1] x 1 (SKU A1)<br>PCI x 2 (SKU A2)  |
| Indicator              | Power LED<br>HDD active LED  |
| OS support             | Windows® 7, Windows® XP, Windows® XP Embedded, Linux Fedora  |
| <b>Power Supply</b>    |  |
| Power Requirement      | 9 - 30V with 3-pin terminal block  |
| <b>Mechanical</b>      |  |
| Mounting               | Wallmount  |
| Dimensions (W x H x D) | 8.4" x 3.9" x 9.5" (214mm x 100mm x 241mm)   |
| Gross Weight           | 11 lb (5 kg)   |
| Net Weight             | —  |
| <b>Environmental</b>   |  |
| Operating Temperature  | -20°C ~ 75°C with wide temperature CFast™ card<br>(according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices)<br>*Power consumption of add-on PCI/PCI-E card must be under 30W. |
| Storage Temperature    | -20°C ~ 70°C   |
| Storage Humidity       | 95% @ 40°C, non-condensing   |
| Anti-Vibration         | 3 Grms/ 5 ~ 500Hz/ operation – CFast™/SSD<br>1 Grms/ 5 ~ 500Hz/ operation – HDD  |
| Certification          | CE/FCC class A   |

## Specifications

| System            |   |
|-------------------|---|
| CPU               | Intel® Atom™ D2550, 1.86 GHz  |
| Chipset           | Intel® NM10   |
| System Memory     | DDR3 800/1066 MHz SODIMM slot x 1, up to 4 GB   |
| Display Interface | DVI-I   |
| Storage Device    | CFast™, HDD/SSD   |
| Ethernet          | Intel® 82583V, 10/100/1000Base-TX x 2   |
| I/O               | RS-232/422/485 x 2 isolated<br>RS-232/422/485 x 2<br>RS-232 x 4<br>USB 3.0 x 2<br>USB 2.0 x 4<br>DVI-D x 1<br>LAN x 2<br>Digital input x 4 isolated<br>Digital output x 4 isolated<br>CAN bus x 2 isolated (optional)<br>Line-out x 1<br>CFast™ slot x 1<br>Antenna hole x 3<br>Power switch x 1<br>Remot |

## Dimension

Unit: mm



## Ordering Information

| Part Number      | CPU                         | RAM  | LAN | USB 3.0 | USB 2.0 | RS-232 | RS-232/422/485 + Isolation | RS-232/422/485 | Isolation DIO   | Storage                   | Display   | Expansion  | Mounting  | Power   | Temp.                                   |
|------------------|-----------------------------|------|-----|---------|---------|--------|----------------------------|----------------|-----------------|---------------------------|-----------|--|-----------|---------|---|
| AEC-6913-A0-1010 | Intel® Atom™ D2550 (COM-CV) | —    | 2   | 2       | 4       | 4      | 2                          | 2              | DI x 4 & DO x 4 | CFast™ x 1 & 2.5" HDD x 1 | DVI-I x 1 | Full-size Mini-PCIe Card x 2                           | Wallmount | 9 ~ 30V | -20°C ~ 65°C (-4°F ~ 149°F) w/o airflow |
| AEC-6913-A1-1010 | Intel® Atom™ D2550 (COM-CV) | 4 GB | 2   | 2       | 4       | 4      | 2                          | 2              | DI x 4 & DO x 4 | CFast™ x 1 & 2.5" HDD x 1 | DVI-I x 1 | Full-size Mini-PCIe Card x 2, PCI x 2 or PCIe [x1] x 1 | Wallmount | 9 ~ 30V | -20°C ~ 65°C (-4°F ~ 149°F) w/o airflow |
| AEC-6913-A2-1010 | Intel® Atom™ D2550 (COM-CV) | 4 GB | 2   | 2       | 4       | 4      | 2                          | 2              | DI x 4 & DO x 4 | CFast™ x 1 & 2.5" HDD x 1 | DVI-I x 1 | Full-size Mini-PCIe Card x 2, PCI x 2                  | Wallmount | 9 ~ 30V | -20°C ~ 65°C (-4°F ~ 149°F) w/o airflow |

## Packing List

- Wallmount Bracket x 2
- Phoenix Power Connector x 1
- Product DVD
- AEC-6913

## Optional Accessories

- **1255901202**  
Power Adapter (120W), Output: DC 19V
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **PER-T248-A10**  
CAN BUS Kit