

ARK-2120L

Multiple I/O Rugged Fanless Systems



ARK-2120L Key Features



Essential computing with D2550 DC 1.86GHz

Dual display with HDMI + VGA

3 Mounting ways for install anywhere

Front accessible CFast for easy maintenance

-20C~60C Wide operating temperature

ARK-2120L Compelling Features

Intel® Atom Cedar Trail High Value Fanless Embedded Box PC
with VGA/ HDMI/ 2GbE / 4COM / 6 USB2.0/Mini-PCIe/ 12DC in



-20~60°C
Operating-Temp

2018/Q3

Longevity

Intel Cedar Trail+ NM10, DDR3 1066MHz
D2550 1.86G DC, DDR3 up to 4GB
Dual Core processors & all Fan-less Design

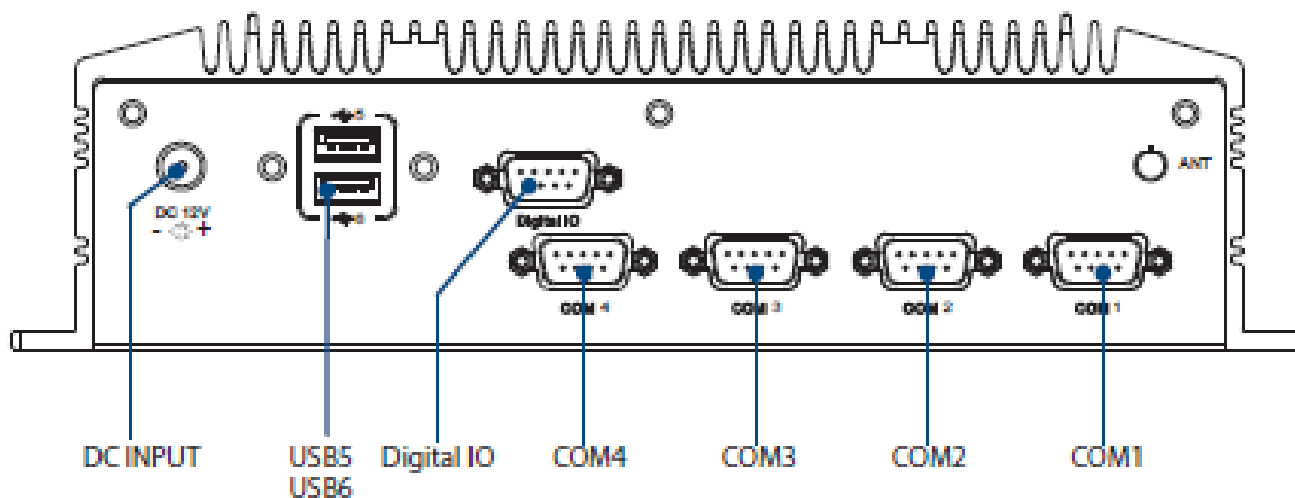
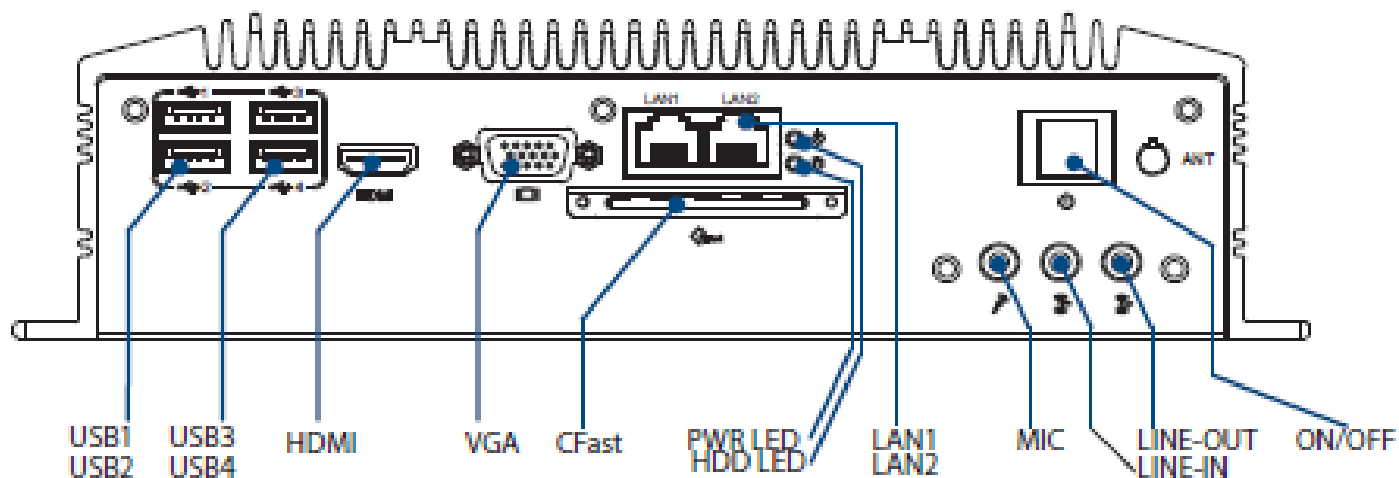
Dual display: VGA, HDMI
Fanless embedded box PC, 264.5 x 68.4 x 133.0 mm

Low Power Consumption (Kit TDP: 5~12W)
Lockable DC Jack Power Input

2 Intel GbE/ HD Audio
4* COM/ 6* USB2.0/ DIO/ CFast
1 x 2.5" drive bay/ Mini-PCIe with SIM holder

Advantech iManager & SUSIAccess
Supports Embedded Software API and Utility
Win7, WES7, WinXP, WES2009, Linux Support

ARK-2120L I/Os



Network Connectivity

Support Intranet / Extranet / Internet



Support
2 GigaLAN
Ports



Support
Wi-Fi
Modules

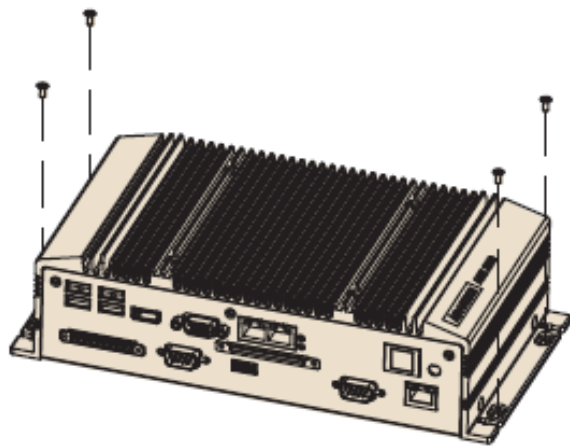


Support
SIM
Holder

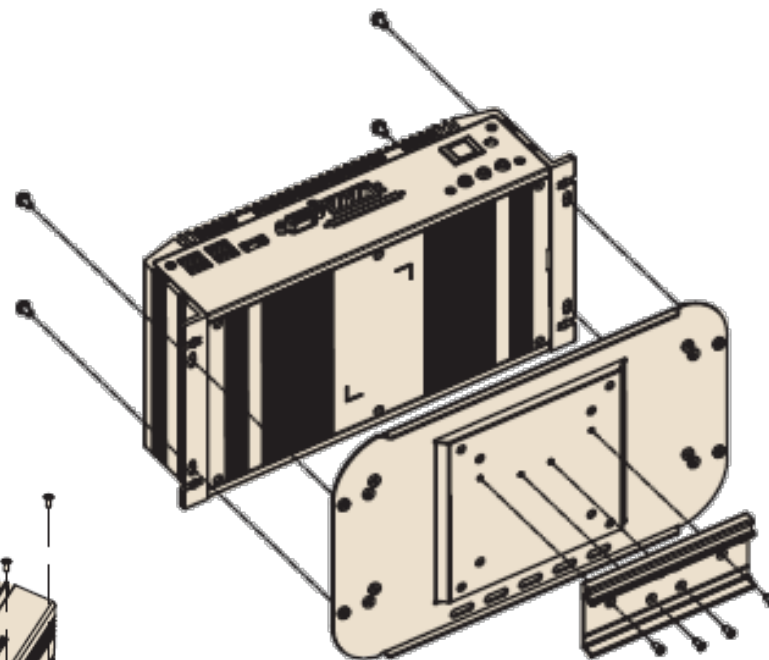


Support
GPS
Modules

Flexible Mounting- Wall /DIN / VESA

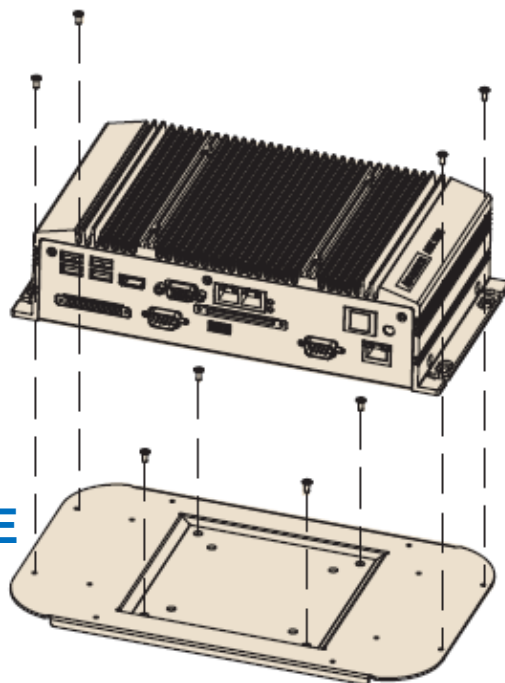


Wall Mount



DIN Mount
with optional **AMK-R004E**

VESA Mount
with optional **AMK-V004E**



Key Features

System Monitoring



Device Monitoring

Device temperature, internet connection, CPU temperature, fan speed and voltage.



Automatic Alerts by Email/SMS

Administrators can get prompt notifications sent to their email inboxes or cell phones.

Remote Control



Remote KVM

Quick access to remotely located, embedded devices for device diagnostics and repair.



Power On/Off

Sets the power on /off schedule for remotely located devices.

Embedded Security



System Recovery

- Hot Backup
- Scheduled Backup
- One-Click Recovery

Powered by **Acronis**



System Protection

- White List Protection
- Warnings of any unauthorized activities

Powered by **McAfee**

Application : Outdoor system



Fanless & Reliable

Wide Temp Support

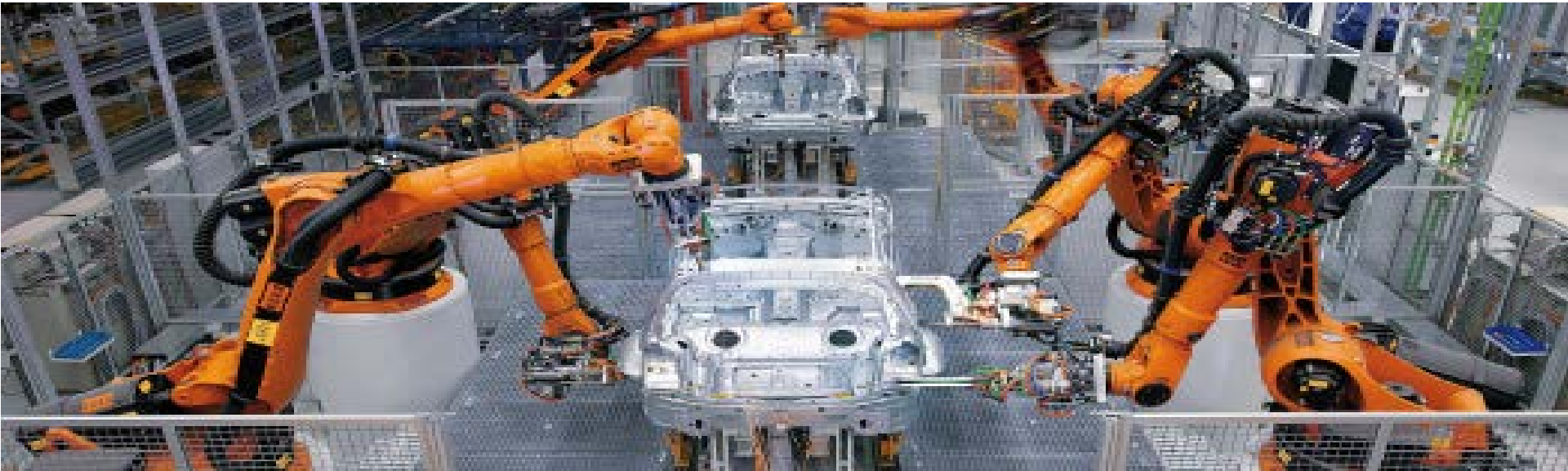
Remote Maintain

Fanless system can be the best choice to avoid dirt, ash, and wet environment for outdoor application.

Wide temp -20~60C design with I-grade peripherals can support harsh environment.

Use iManager and SUSIAccess can notify admin by SMS or eMail when the system hang up, and can provide admin to remote control the system to fix issue immediately .

Application : Automation



Rugged&Long MTBF

Small

Group Control

Rugged and long MTBF system can saving customer's maintain cost, and the small size also can save the space and power. There is no need to have professional admin to do the system group control, it's easy to control the system group to set the power on/off time and process different program partially.

Application : Kiosk



Multiple I/O

Easy Maintain

Small Size

Multiple I/O is suitable for many devices, so it's a good solution for the all in one Kiosk system. There is no need to have purchase a big system to have all the I/O. The small size is easily to fit different kiosk applications.



Thank You.

Smart Cities | Connected Devices | On-Demand Software

Enabling an Intelligent Planet

ADVANTECH