Tablet PC

AIM-75 Series

Startup Manual

AIM-75 Appearance

Left: Front View Right: Rear View

For more information on this and other Advantech products, please visit our website at:

http://www.advantech.com

For technical support and service, please visit our support website at:

http://support.advantech.com

This manual is for AIM-75 Series

1st Edition
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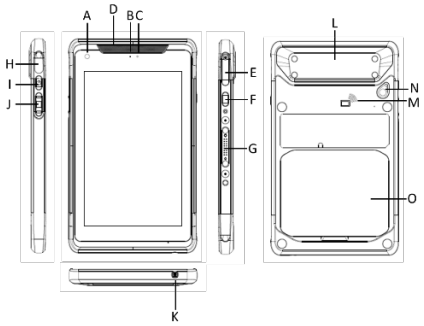
Description of Parts



A: Front Camera
B: Power LED
C: Light Sensor
D: Speaker
E: micro-SD Card Door
F: Programmable Key
G: Pogo Pin
H: USB Type-C Door
I: Power Button
J: Volume Key (Up/Down)
K: Audio Jack (Headset Combo)
L: Extension Module
M: NFC
M: Rear Camera with LED Flash
O: Battery Cover

Easy Setup

Power On Computer

1. Model: AIM-75 Rating 5/9/12 Vdc / 3.0A

2. This product is intended to be supplied by a UL Listed Power Adapter(FSP：A16-018N1A), rated 5/9/12 Vdc, 3A min. for model AIM-75, and Tma 50 degree C. Please contact Advantech for further information and assistance.

3. The product is equipped with shipping mode for battery protected and power saving, please charge the embedded battery of the computer: Connect the Micro USB adaptor on the AIM-75 () computer. (“H” on the description of parts.) Please charge for at least one hour when you use this computer for the first time.

4. Push the Power button (“J” on description of parts.) for 3~4 seconds to start the computer.

5. While the computer is running, push the power button for 1 second will disable LCD backlight for power saving. Push the power button again will enable the backlight again; press the power button for 10 seconds while computer is running, the system will be forced shutdown

6. Environment:
   - Operating Temperature(Charging): 0°C ~+40 °C
   - Operating Temperature (Discharging): -10°C ~+50 °C
   - Storage: -20°C ~ +60°C

Safety Instructions

Please read these safety instructions carefully and follow these instructions for use. Repair of the device may only be carried by trained service personnel. Advantech recommends that a service contact be obtained with Advantech service and that all repairs also be carried out by them; otherwise the correct functioning of the device may be compromised.

WARNING! Because of the danger of electrical shock, never remove the cover of a device while it is in operation or connected to a power outlet.

If one of the following situations arises, have the equipment checked by service personnel:

- The power cord or plug is damaged.
- Liquid has penetrated the equipment.
- The equipment has been exposed to moisture.
- The equipment does not work well, or you cannot get it to work according to the user’s manual.
- The equipment has been dropped and damaged.
- The equipment has obvious signs of breakage. Disconnect this equipment from any AC outlet before cleaning. Use a damp cloth. Do not use liquid or spray detergents for cleaning and keep this equipment away from humidity.

CAUTION! To avoid short-circuits and otherwise damaging the device, do not allow fluids to come in contact with the device. If fluids are accidentally spilled on the equipment, remove the affected unit from service as soon as possible and contact service personnel to verify that patient safety is not compromised.

Battery Caution

CAUTION!
Danger of explosion if battery is incorrectly replaced. Replace only with the same type recommended by the manufacturer, discard used batteries according to the manufacturer's instructions.

Attention : Danger d'explosion si la batterie est inexactement remplacée. Remplacez seulement avec la même chose ou le type recommandé par le fabricant, jettent les batteries utilisées instructions de s selon fabricant des'.

Mistreat the battery used in this device may present a risk of fire or chemical burn.
Do not attempt to disassemble the computer or its accessories.
Only qualified personal is allowed to replace the battery.
Do not dispose batteries in a fire and check with local authorities for disposal instructions.

can only be equipped with standard battery pack with Getac, AIM-BAT-8, 4900mAH Polymer Lithium Ion Battery. Use of another battery may present a risk of fire or explosion.

Battery Charge Notice
It is important to consider the environment temperature whenever you are charging the Lithium-Ion battery pack. The process is more efficient at normal room temperature or slightly cooler. It is essential that you charge batteries within the stated range of 0°C to 40°C. Charging batteries outside of the specified range could damage the batteries and shorten their charging life cycle.

Storage and Safety Notice
Although charge Lithium-Ion batteries may be left unused for several months, their capacity may be
depleted due to the buildup of internal resistance. If this happens they will require recharging prior to use. Lithium Ion batteries may be stored at temperatures between -20°C to 60°C, however they may be depleted more rapidly at the high end of this range. It is recommended to store within normal room temperature ranges.

Declaration of Conformity

CE Conformity Statement

Radio products with the CE alert marking comply with the R&TTE Directive (1999/5/EC) issued by the Commission of the European Community. Compliance with this directive implies conformity to the following European Norms (in brackets are the equivalent international standards).

- EN 60950-1 (IEC60950-1) - Product Safety
- EN 300 328 Technical requirement for radio equipment
- ET S301 489 General EMC requirements for radio equipment

Products that contain the radio transmitter are labeled with CE alert marking and may also carry the CE logo.

FCC Compliance Statement

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example: use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

15.21

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment for body-worn configuration in direct contact to the phantom.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications

Commission (USA). These requirements set a SAR limit of 1.6 W/kg

averaged over one gram of tissue. The highest SAR value reported under

this standard during product certification for use when properly worn on the body

The emissions are maintained within the band of operation under all conditions of normal operation as specified

IC warning statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter has been approved by Industry Canada to operate with the

antenna types listed below with the maximum permissible gain and required

antenna impedance are strictly prohibited for use with this device.

Le present emetteur radio a ete approuve par Industrie Canada pour fonctionner

avec les types d'antenne enumeres ci-dessous et ayant un gain admissible maximal

et l'impedance requise pour chaque type d'antenne. Les types d'antenne non inclus

dans cette liste, ou dont le gain est superieur au gain maximal indique, sont

strictement interdits pour l'exploitation de l'emetteur.

(i)the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; (For devices installed in vehicles point i. is not required.)

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices. The emissions are maintained within the band of operation under all conditions of normal operation as specified

(i) l'appareil pour fonctionner dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur afin de réduire les risques d'interférences nuisibles à la co-canal systèmes mobiles par satellite;

Devraient également être informés les utilisateurs que les radars à haute puissance sont désignés comme utilisateurs principaux (c.-à-utilisateurs prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient provoquer des interférences et / ou endommager les appareils LE-LAN.
Les émissions sont maintenues dans la bande de fonctionnement dans toutes les conditions de fonctionnement normal spécifiées.

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102. This equipment should be installed and operated with minimum distance 0 cm between the radiator & your body.
Cet EUT est la conformite avec SAR pour la population generale / les limites d'exposition incontrolees dans IC RSS-102. Cet equipement doit etre installe et utilise a une distance minimale de 0 cm entre le radiateur et votre corps.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

Cet équipement est conforme aux limites d'exposition aux rayonnements d'ISDE établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions d'utilisation spécifiques pour se conformer à l'exposition aux RF. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.
L'appareil portable est conçu pour répondre aux exigences d'exposition aux ondes radio établies par ISDE. Ces exigences fixent une limite DAS de 1,6 W / kg en moyenne sur un gramme de tissu. La valeur DAS la plus élevée rapportée dans le cadre de cette norme lors de la certification du produit pour une utilisation lorsqu'il est correctement porté sur le corps

5.4 ENERGY STAR

An ENERGY STAR qualified computer delivers substantial savings over a conventional computer. Desktop, integrated desktop, and notebook (laptop) computers, workstations, small-scale servers, and thin clients are all eligible to earn the ENERGY STAR, and those that do are now more efficient than ever.
It is an honor for Advantech to provide you such products.

What is ENERGY STAR?
ENERGY STAR is a U.S. Environmental Protection Agency (EPA) voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.
The ENERGY STAR program was established by EPA in 1992, under the authority of the Clean Air Act Section 103(g). Section103(g) of the Clean Air Act directs the Administrator to "conduct a basic engineering research and technology program to develop, evaluate, and demonstrate non–regulatory strategies and technologies for reducing air pollution."

In 2005, Congress enacted the Energy Policy Act. Section 131 of the Act amends Section 324 (42 USC 6294) of the Energy Policy and Conservation Act, and "established at the Department of Energy and the Environmental Protection Agency a voluntary program to identify and promote energy–efficient products and buildings in order to reduce energy consumption, improve energy security, and reduce pollution through voluntary labeling of or other forms of communication about products and buildings that meet the highest energy efficiency standards."

For more information, please visit www.energystar.gov