

# ARK-1122HS

## Dual Displays and All in One System Intel® Atom™ N2600 Low Power Fanless Embedded Box PC

**NEW**



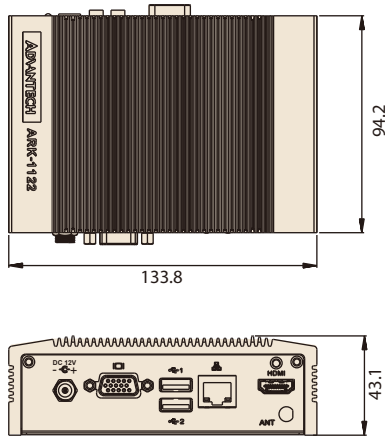
### Features

- Plug and Play : 3 STEPs to power on the appliance unit for instant use
- Fanless design with Intel® Atom™ N2600, 1.6 GHz
- 2G DDR3 Memory & 320G 2.5" HDD built-in
- Window Embedded Standard 7& SUSIAccess Pro (Acronis and McAfee) preload
- Palm-size form factor : 134 x 94 x 43 mm
- Supports independent dual displays interfaces : VGA + HDMI
- Supports 1 x GbE LAN and 4 USB 2.0 ports
- Supports 1 x RS-232 and 1 x line in / line out
- Built-in 1 x half size Mini PCIe expansion slot (i.e.: WiFi module)
- Optional VESA / DIN-Rail / Wall mounts

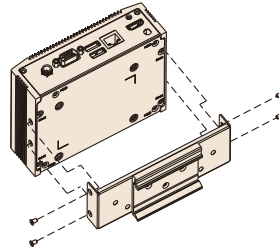
### Specifications

|                                  |                            | ARK-1122HS-S6A1E                                                         |
|----------------------------------|----------------------------|--------------------------------------------------------------------------|
| Processor System                 | CPU                        | Intel Atom DC N2600 1.6 GHz                                              |
|                                  | System Chipset             | Intel NM10                                                               |
|                                  | BIOS                       | AMI EFI 16 Mbit                                                          |
| Memory                           | Technology                 | 2GB DDR3 memory built-in                                                 |
|                                  | Chipset                    | Intel Atom N2600                                                         |
| Graphics                         | Interface                  | VGA + HDMI (1920 x 1200)                                                 |
|                                  | LAN                        | 1 x GbE Intel 82583V LAN                                                 |
| Audio                            | Chipset                    | Realtek ALC892, High Definition Audio (HD)                               |
|                                  | Interface                  | Line-in and Line-out                                                     |
| I/O Interface                    | Serial Ports               | 1 x RS-232                                                               |
|                                  | USB Interface              | 4 x USB ports, USB2.0 Compliant                                          |
| Other                            | Watchdog timer             | 255-level timer interval, setup by software                              |
| Expansion                        | Mini PCIe                  | 1 x half-size Mini PCIe                                                  |
| Storage                          |                            | 320 GB 2.5" SATA HDD built-in                                            |
| Software                         |                            | WES7 & SUSIAccess Pro built-in                                           |
| Power Requirement                | Power Type                 | Single 12 V <sub>DC</sub> power input (Supports lockable DC Jack design) |
|                                  | Power Input Voltage        | Supports single 12 V input, ± 10%                                        |
|                                  | Power Adaptor              | AC to DC, DC12 V/3 A, 36 W                                               |
| Mechanical                       | Construction               | Aluminum housing                                                         |
|                                  | Mounting                   | Desk/Wall-mounting; VESA mounting                                        |
|                                  | Dimensions (W x H x D)     | 133.8 x 43.1 x 94.2 mm (5.27" x 1.7" x 3.71")                            |
| Environmental and Certifications | Operating Temperature      | 0 ~ 40° C                                                                |
|                                  | Storage Temperature        | -40 ~ 85° C (-40 ~ 185° F)                                               |
|                                  | Relative Humidity          | 95% @ 40° C (non-condensing)                                             |
|                                  | Vibration During Operation | With mSATA: 3Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1hr/axis          |
|                                  | Shock During Operation     | With mSATA: 30Grms, IEC 60068-2-27, half sine, 11ms duration             |
|                                  | EMC                        | CE/FCC Class A, CCC, BSMI                                                |
|                                  | Safety Certifications      | CB, UL, CCC, BSMI                                                        |

## Dimensions

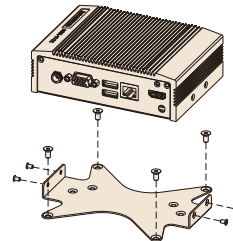


## DIN Rail

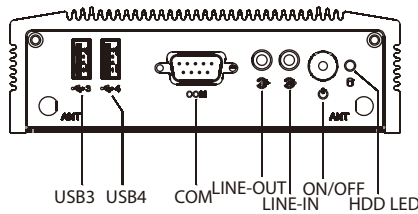


Unit: mm (inch)

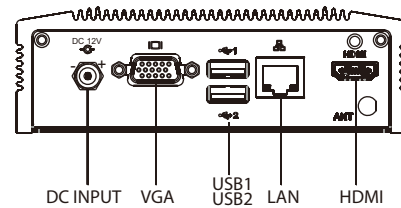
## VESA mount



## Front Panel External I/O Mechanical Layout/Drawing



## Rear Panel External I/O Mechanical Layout/Drawing



## ARK-1122 Product Ordering Information



### ARK-1122HS-S6A1E

- 2G RAM+320G HDD+WES7+SUSIAccess Pro

### ARK-1122H-S6A1E

- Intel Atom N2600 1.6GHz w/HDMI+VGA+LAN



### ARK-1122FS-S8A1E

- 2G RAM+16G mSATA+WES7+SUSIAccess Pro

### ARK-1122F-S8A1E

- Intel Atom N2800 1.8GHz w/HDMI+3USB+2LAN



### ARK-1122C-S6A1E

- Intel Atom N2600 1.6GHz w/4COM+4USB+LAN

## Packing List

| Part Number   | Description                                                             |
|---------------|-------------------------------------------------------------------------|
| -             | 1 x ARK-1122 unit                                                       |
| -             | 1 x Driver/Utility CD/Manual                                            |
| -             | 1 x Traditional Chinese user manual for CCC                             |
| -             | 1 x China RoHS                                                          |
| 1757004096-01 | 1 x AC to DC adapter DC12 V/3 A 36 W, 0 – 40° C for Home and Office use |

## Embedded OS

(Only available for T-Parts OEM, and CTOS service)

| Part Number | Description                       |
|-------------|-----------------------------------|
| 2070011879  | WES7 for ARK-1122H & ARK-1122F    |
| 2070011881  | WES7 for ARK-1122C                |
| 2070011882  | WES2009 for ARK-1122H & ARK-1122F |
| 2070011880  | WES2009 for ARK-1122C             |

## Optional Items

| Part Number    | Description                                |
|----------------|--------------------------------------------|
| 1700001524     | Power Cable 3-pin 180cm, USA type          |
| 170203183C     | Power Cable 3-pin 180cm, Europe type       |
| 170203180A     | Power Cable 3-pin 180cm, UK type           |
| 1700008921     | Power Cable 3-pin PSE Mark 183cm           |
| 1960052227N001 | ARK-1120 VESA/Desk mount bracket           |
| 9666112000E    | DIN Rail mounting kits for ARK-112X series |