# ARK-1122HS

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




## 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 & 500G 2.5" HDD built-in
- Window Embedded 7 & SUSIAccess Pro (w/ 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

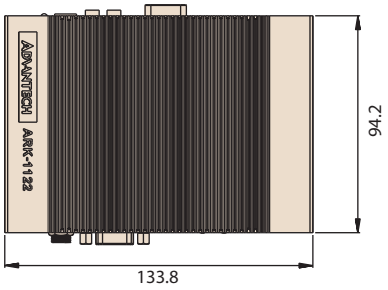
## Specifications

| | | 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 |
| Graphics | Chipset | Intel Atom N2600 |
| | Interface | VGA (1920 x 1200)<br>HDMI (1920 x 1200) with lockable design |
| Ethernet | 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 | 2.5" HDD | 500 GB 2.5" SATA HDD built-in |
| | mSATA | 1 x full-size Mini PCIe slot |
| Software | Operating System | Window Embedded Standard 7 (Eng/Jpn/Chs/Cht/Spain) Preload |
| | Remote management & Security | SUSIAccess Pro (w/ Acronis and McAfee) Preload |
| Power Requirement | Power Input Voltage | Supports single 12 V input, ± 10% |
| | DC Jack Type | Support lockable design |
| | Power Adaptor | AC to DC, DC12 V/3 A, 36 W with lockable design |
| Mechanical | Construction | Aluminum housing |
| | Mounting | Support VESA/DIN Rail/Wall mounting (Optional) |
| | 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 |
| | Relative Humidity | 95% @ 40° C (non-condensing) |
| | EMC | CE/FCC Class A, CCC, BSMI |
| | Safety Certifications | CB, UL, CCC, BSMI |

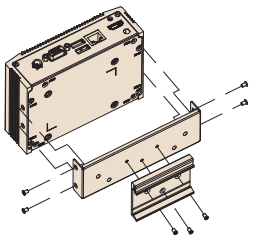

All product specifications are subject to change without notice

## Dimensions

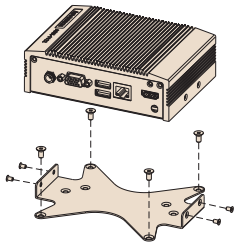
Unit: mm



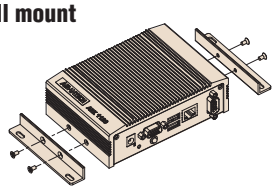

**DIN Rail**



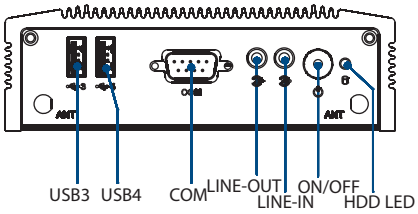
**VESA mount**



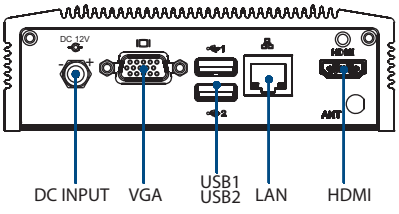
**Wall mount**



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




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




## ARK-1122 Product Ordering Information



**ARK-1122HS-S6A1E**
- ARK-1122H-S6A1E
- 2G RAM+500G HDD+WES7+SUSIAccess Pro

**ARK-1122H-S6A1E**
- Intel Atom N2600 1.6GHz w/HDMI+VGA+LAN



**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 |
| 96PSA-A36W12W6-1 | 1 x AC to DC adapter DC 12V/3A 36W, -20 ~ 60° C |

## 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 |
| AMK-V003E | ARK-112X series VESA mount kits |
| AMK-R001E | ARK-112X series DIN Rail mount kits |
| AMK-W001E | ARK-112X series wall mount kits |