

ARK-1120LX

**Palm-size and All in One System
Intel® Atom™ N455 Fanless
Embedded Box PC**

NEW



Features

- Plug and Play : 3 STEPs to power on the appliance unit for instant use.
- Intel® Atom™ processor N455 1.66 GHz + ICH8M
- 2G SO-DIMM Memory & 320G 2.5" HDD built-in
- Window XP embedded & SUSIAccess Pro (Acronis and McAfee) preload.
- Palm-size design: 133.8 x 43.1 x 94.2 mm, IP40
- Low power consumption, < 10W
- One half mini-PCIe slot. Ex : WiFi add-on card
- Optional VESA/DIN-rail/Wall mount



SUSIAccess
Remote Device Management

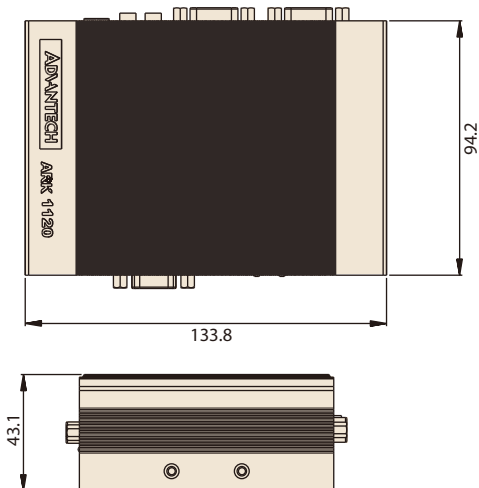


Acronis McAfee

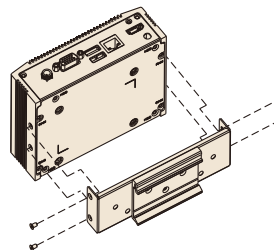
Specifications

| | | ARK-1120LX-N5A1E |
|----------------------------------|----------------------------|--|
| Processor System | CPU | Intel Atom processor N455 1.66 GHz |
| | Max. Speed | 1.66 GHz |
| | System Chipset | Intel ICH8-M |
| | BIOS | AMI 16 Mbit Flash BIOS |
| Memory | | 2G SO-DIMM DDR3-1333 memory built-in |
| Graphics | Chipset | Intel ICH8-M |
| | Interface | CRT interface, up to 1600 x 1200 (SXGA) |
| Ethernet | LAN | 1 x 10/100/1000 Mbps Intel 82567V Ethernet controller, Support Wake on LAN |
| | Interface | Line-out, Line-in |
| I/O Interface | Serial Ports | 2 x RS-232 |
| | USB Interface | 4 x USB ports, USB 2.0 Compliant |
| Other | Watchdog timer | 255-level timer interval, setup by software |
| Expansion | Mini PCIe | 1 x half-size Mini PCIe |
| Storage | | 320G 2.5" SATA HDD built-in |
| Software Support | | Windows XP Embedded & SUSIAccess Pro built-in |
| Power Requirement | Power Type | ATX |
| | Power Input Voltage | 12 V _{DC} |
| | Minimum Power Input | 12 V, 1.5 A |
| | Power Adaptor | AC to DC, DC12 V/3 A, 36 W |
| Power Consumption | Typical | 9.12 W |
| | Max | 10.80 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 1.70" x 3.71") |
| | Weight | 0.7 kg (1.55 lb) |
| Environmental and Certifications | Operating Temperature | 0 ~ 40° C (32 ~ 104° F) with 0.7m/s air flow and extend temperature HDD |
| | Storage Temperature | -40 ~ 85° C (-40 ~ 185° F) |
| | Relative Humidity | 95% @ 40° C (non-condensing) |
| | Vibration During Operation | With CompactFlash disk: 3Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1hr/axis. |
| | Shock During Operation | With CompactFlash disk: 30Grms, IEC 60068-2-27, half sine, 11 ms duration |
| | EMC | CE/FCC Class A, CCC, BSMI |
| | Safety Certifications | UL, CCC, BSMI |

Dimensions

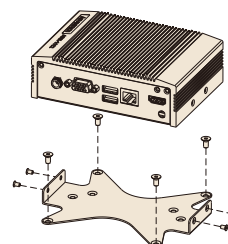


DIN Rail

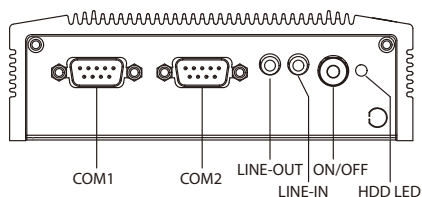


Unit: mm (inch)

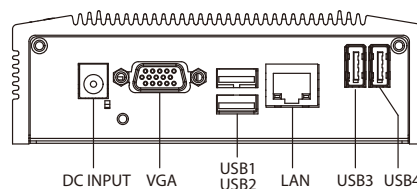
VESA mount



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



ARK-1120 Product Ordering Information

NEW



ARK-1120LX-N5A1E

- 320G HDD +2G Memory+Windows XP Embedded + SUSIAccess Pro
- Intel Atom N455 1.66GHz w/ 2COM+4USB+ LAN+Audio



ARK-1120L-N5A1E

- Intel Atom N455 1.66GHz w/ 2COM+4USB+ LAN+Audio



ARK-1120F-N5A1E

- Intel Atom N455 1.66GHz w/ VGA+4COM+ 2USB+LAN

Packing List

| Part Number | Description |
|----------------|---|
| - | 1 x ARK-1120LX unit w/ 2G memory & 320G HDD & WES 2009 & SUSIAccess Pro |
| - | 1 x Driver/Utility CD/manual |
| - | 1 x Traditional chinese user manual for CCC |
| - | 1 x China RoHS |
| 1960047289T001 | DC power adapter locker |
| 1757003553 | AC-to-DC Adapter DC12 V/3 A 36 W, with DC-Jack, 0 ~ 40° C for Home and Office Use |

Optional Items

| Part Number | Description |
|----------------|--|
| 1700001524 | Power Cable 3-pin 180 cm, USA type |
| 170203183C | Power Cable 3-pin 180 cm, Europe Type |
| 170203180A | Power Cable 3-pin 180 cm, 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 |