

ARK-5260

Intel® Atom™ D510 Fanless Embedded Box IPC with PCIe/2 x PCI Expansion

NEW



Features

- Extremely compact, sealed construction with fanless operation, supports Intel® Atom® D510 up to 1.66 GHz
- Supports 2 Giga LAN and 4 USB 2.0 ports
- Supports 4 RS-232/422/485 with auto-flow control
- Built-in 1 x PCIe expansion slot, and 2 PCI expansion slots
- Rubber anti-vibration card-holder for PC expansion boards
- Supports two 12.5 mm height 2.5" SATA HDD and easy to maintain
- Supports wide power range of 12~ 24V DC input
- IP40

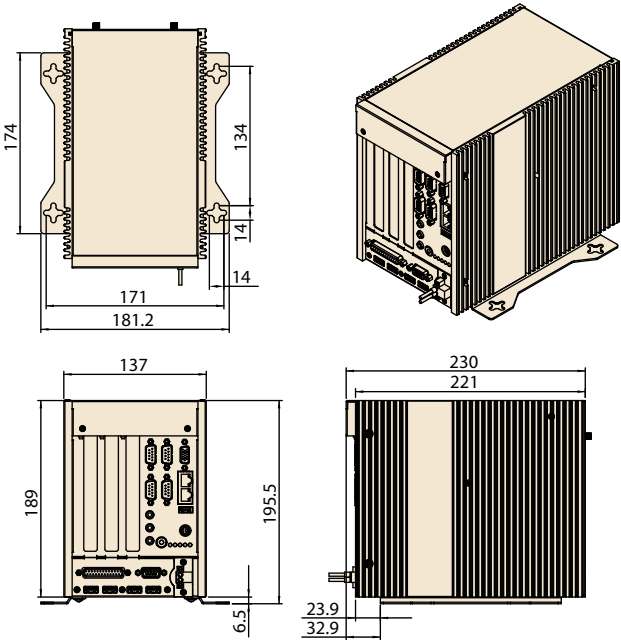


Specifications

Processor System	CPU	Intel® Atom™ D510
	Max. Speed	1.66 GHz
	System Chipset	ICH8M
	BIOS	AMI 16Mb SPI Flash
Memory	Technology	Single channel DDR2 667 MHz
	Max. Capacity	2 GB SODIMM
	Socket	1 x 200-pin SODIMM
Graphics	Chipset	Embedded Gen3.5+ GFX Core technology, Direct X 9/Pixel Shader 2.0 compliant
	VRAM	Shared 224 MB
	Interface	VGA: Supports up to 2048 x 1536 @ 60 Hz
Ethernet	LAN1	10/100/1000 Mbps Fast Ethernet Controller, support Wake On LAN
	LAN2	10/100/1000 Mbps Fast Ethernet Controller, support Wake On LAN
Audio	Interface	Line-in, Line-out, Mic-in
IO Interface	Serial Ports	4 x RS-232/422/485 port, support auto-flow control
	USB Interface	5 x USB ports, USB 2.0 Compliant
	Keyboard/Mouse	1 x PS/2 port, Supports PS/2 Mouse and Keyboard
	Watchdog timer	255 levels timer interval, setup by software
Storage	HDD	Supports two drive bays space for SATA 2.5" HDD
	SSD	Supports one internal CompactFlash socket for type I/II CompactFlash disk
Expansion	PCI/PCIe Slot	2 PCI Slot, and 1 PCIe Slot Supports maximum 50W power for expansion Supports maximum dimension of 99 mm (width) x 186 mm (length) for Expansion PC board
Software Support	Microsoft Windows Linux	XP Professional, XP Embedded, CE .NET 6.0
Power Requirement	Power Type	AT/ATX
	Power Input Voltage	12 V _{DC} ~ 24 V _{DC}
	Minimum Power Input	12 V @ 5 A ~ 24 V @ 2.5 A
	Power Adapter	AC-to-DC, 65 W DC19 V/3.4 A
Power Consumption	Typical	20W
	Max.	23W
Mechanical	Construction	Aluminum housing
	Mounting	Desk/wall-mounting
	Dimensions (W x H x D)	137 x 189 x 221 mm (5.39" x 7.44" x 8.70")
	Weight	5 kg (11 lbs)
Environment	Operating Temperature	With 2.5-inch HDD without PC Expansion Boards: 0 ~ 45° C With Industrial Grade CompactFlash disk without PC Expansion Boards: -20 ~ 60° C
	Storage Temperature	-40 ~ 85° C (-40 ~ 185° C)
	Relative Humidity	95% @ 40° C (non-condensing)
	Vibration Loading During Operation	With 2.5-inch HDD: 1 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis With Compact Flash disk: 5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis
	Shock During Operation	With 2.5-inch HDD: 20 G, IEC 60068-2-27, half sine, 11 ms duration With Compact Flash disk only: 50 G, IEC 60068-2-27, half sine, 11 ms duration
	EMC	CE/FCC CCC, Class A, BSMI
	Safety Certifications	CCC, BSMI

Dimensions

Unit: mm (inch)



Packing List

Part Number	Description
-	1 x ARK-5260 Unit
1700060202	1 x PS2 Keyboard/Mouse Cable
-	1 x Utility CD

Ordering Information

Part Number	Description
ARK-5260F-D5A1E	Atom D510 1.66 GHz Embedded Box Computer, with VGA, 2 x GbE, 5 x USB ports, 4 x COM ports, Audio, 2 x PCI expansion slot and 1 x PCIe expansion slot

Optional Items

Part Number	Description
1757000222	AC-to-DC Adapter, DC19 V/3.42 A 65 W, with Phoenix Power Plug, 0 ~ 40° C for Home and Office Use
1700001947	Power cable 2-pin 180 cm, USA for ARK-338X
1700001948	Power cable 2-pin 180 cm, Europe for ARK-338X
1700001949	Power cable 2-pin 180 cm, UK for ARK-338X

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

Part Number	Description
2070009030	Windows XP Embedded WES2009 for ARK-5260, English version (610 MB)
2070009031	Windows XP Embedded WES2009 for ARK-5260, 24-in-1 languages version (610 MB)