

ARK-6320-6M01E

Fanless Mini-ITX Embedded Computer System with Intel® Atom™ Dual Core Solution

NEW



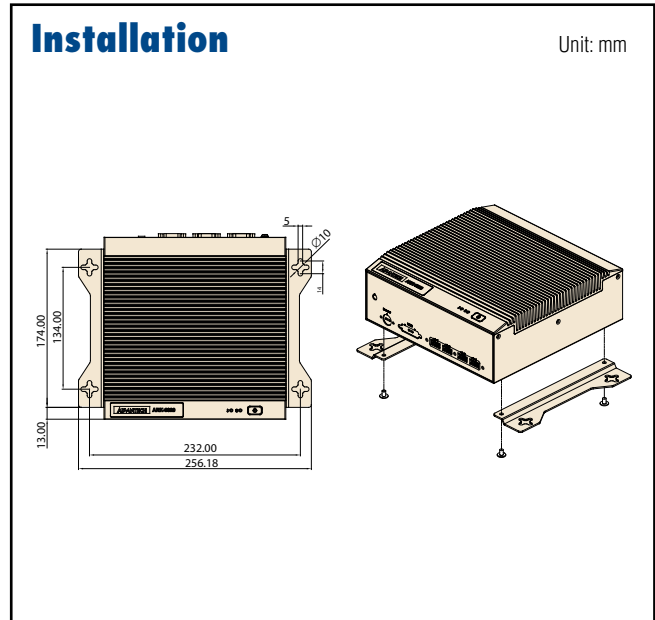
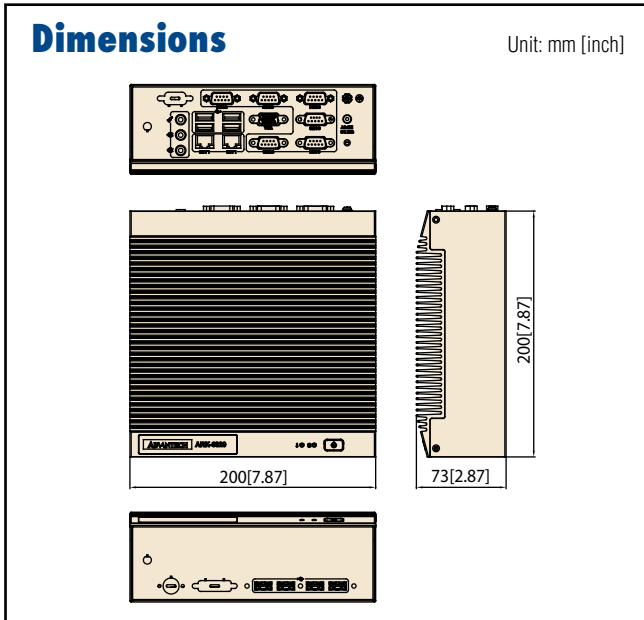
Features

- Elegant, ultra-compact fanless system
- Built-in Intel® Atom™ Processor D510 1.66 GHz
- Comprehensive I/O: Dual Gigabit Ethernet, 8 USB, 6 COM, 1 VGA, and audio
- Mini-PCIe expansion slot
- Accepts DC12 V input
- Anti-vibration design for 2.5" HDD-bay to ensure maximum reliability
- Built-in mounting bracket supports wall and table-mounting, with optional VESA mounting bracket



Specifications

Processor System	CPU	Intel Atom Processor D510 1.66 GHz
	L2 Cache	1 MB
	Chipset	ICH8M
	BIOS	AMI 16 Mbit SPI
Memory	Technology	Single Channel DDR2 667MHz
	Max. Capacity	200-pin SODIMM x1 up to 2 GHz
Graphics	Chipset	Embedded Gen3.5 + GFX Core
	Display Memory	Shared system memory up to 224 MB SDRAM
	VGA	Supports up to SXGA 2046 x 1536 @ 60Hz
	LVDS	Single channel 18-bit and up to WXGA 1366 x 768
Ethernet	Dual Display	VGA, LVDS
	Interface	10/100/1000 Mbps
	Controller	GbE LAN1: Intel 82567V; GbE LAN2: Intel 82583V
Watchdog Timer	Connector	2 x RJ-45 connectors
	Output	System reset
Storage Interface	Interval	Programmable 1~255 sec.
	2.5" HDD Bay	1 x SATA
	Compact Flash	1 x type I/II socket (on the solder side of the motherboard)
I/O Interface	Mini PCIe	1
	USB	8
	Serial	6 (1 of RS-232/422/485, 5 of RS-232)
	Ethernet	2
	Audio	3 (Mic-In, Line-In, Line-Out)
	VGA	1
Miscellaneous	Extra I/O cutouts	1 x LVDS, 1 x Inverter, 1 x DIO, 2 x Antenna
	Overheating Protection	System shuts-down when overheated
	LED Indicators	3 x LED of power, HDD and temperature
Software Compatibility	Control	1 x ATX Power On/Off switch button
Power Input	Operating System	Microsoft, Windows XP and Windows XP Embedded, Windows 7
	Input Voltage	12 V _{DC} @ 6 A ~ 3.75 A (Max.)
Environment	Operating Temp.	0 ~ 50° C (32 ~ 122° F)
	Operating Humidity	10 ~ 85% @ 50° C, non-condensing
	Vibration Loading	1 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis
	Duration Vibration	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)
	Dimensions (W x H x D)	200 x 73 x 200 mm (7.9" x 2.9" x 7.9")
	Net Weight	4.14 kg (8.8 lb)



Ordering Information

Part Number	CPU	Memory socket	G-LAN	Display	2.5" HDD	USB	COM	Audio
ARK-6320-6M01E	Intel Atom D510 1.66 GHz	200-pin SODIMM x 1	2	VGA/LVDS*	1 x SATA	8	6	Yes

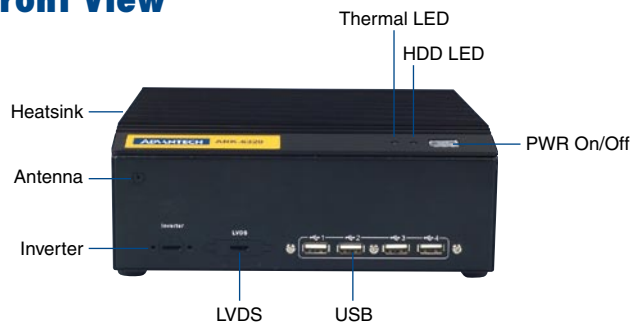
*Note: This function is supported only when optional cables are connected

Optional Accessories

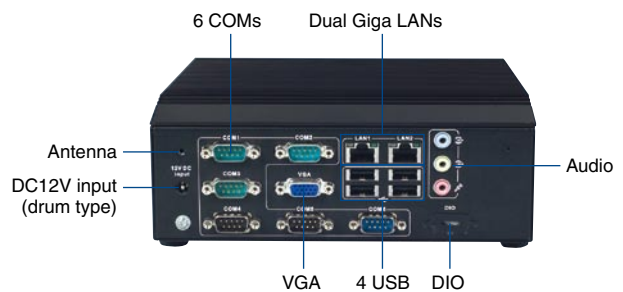
External AC-to-DC Adapter and Accessories

Part Number	Description
1757003062	AC-to-DC adapter, DC 12 V/60 W with drum type power plug
989K008732	VESA mounting plate for ARK-6620/6310/6320
ARK-WLAN-USBE	ARK-6 series wireless LAN 802.11 b/g module
1700008946	LVDS cable

Front View



Rear View





www.L-TronDirect.com

800-830-9523

info@L-Tron.com

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

www.L-Tron.com

