

ARK-1382

Ultra Compact, Intel® ULV Celeron® M 423 1.06 GHz Ultra-compact System

NEW



Features

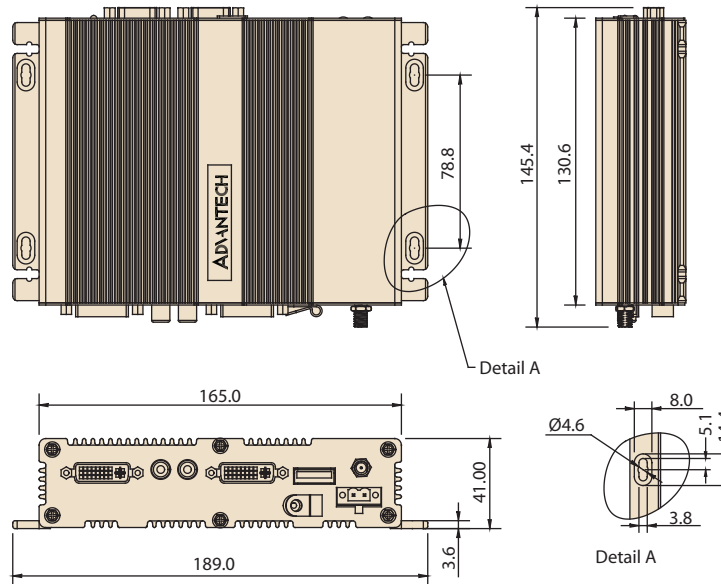
- Built-in Intel® ULV Celeron® M ULV 423 1.06 GHz CPU
- Dual DVI-I independent display
- Two serial ports and four USB ports
- One 10/100/1000 Base-T Ethernet
- One MiniPCI socket for WLAN support
- Audio Line-out (Left and Right)
- One external CF socket type I/II
- Support one external SATA 1.0 device
- Ultra compact size, VESA mounted, robust construction with fanless operation
- Windows® XP Embedded ready solution

Specifications

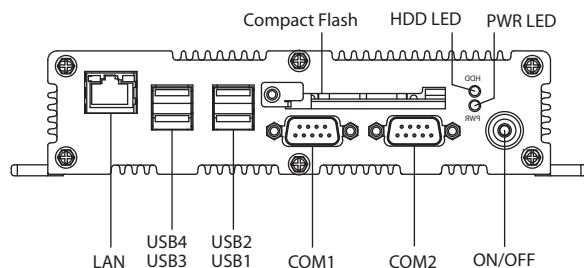
Processor System	CPU	Embedded Intel Celeron M ULV 423 1.06 GHz CPU
	System Chipset	Intel 945GM
	BIOS	Award 4 Mbit Flash BIOS
	System Memory	1 x 200-pin SODIMM Socket supports Double Date Rate 2 (DDR2) 128 MB to 1 GB, DDR2 533/667 MHz
Graphics	Chipset	Intel 945GM Integrated Graphic Accelerator
	Memory	DVMT 3.0, fixed mode 224 MB
	Interface	2 x DVI-I Interface supports dual independent displays (VGA optional by 1700004713 cable)
Ethernet	Chipset	Realtek 8111B 10/100/1000 Base-T Ethernet controller
	Interface	1 x RJ45
Audio	Amplifier	Built-in Dual output 2.2 W amplifier
	Interface	2 x BNC connectors
Others	Watchdog Timer	255 level timer interval, setup by software
	Keyboard/Mouse	-
	Serial Ports	2 x RS-232/422/485 ports, jumper selectable
	Parallel Port	-
	USB 2.0 Ports	5
Expansion Slot	PCI	-
	Mini PCI	Built-in 802.11b/g WLAN mini PCI module
PC Card	Controller	-
	Interface	-
Storage Drive Bay	SSD	1 x External CompactFlashR socket for Type I/II CompactFlash disk
	HDD	1 x external SATA connector
Power	Power Consumption	Typical: 16.7 W
	Input Voltage	Support DC 9 V ~ 35 V, ATX Max Power Input: 9 V _{DC} /3.89 A, 12 V _{DC} /2.92 A, 16 V _{DC} /2.18 A, 19 V _{DC} /1.84 A, 24 V _{DC} /1.46 A, 35 V _{DC} /1 A
Software Support	Windows XP Embedded	
Environment	Operating Temperature	With CompactFlash disk only: 0 to 60° C
	Relative Humidity	95% @ 40° C
	Vibration During Operation	With CompactFlash disk: 5Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1hr/axis.
	Shock During Operation	With CompactFlash disk: 50Grms, IEC 60068-2-27, half sine, 11 ms duration
	Safety	CE, UL, CCC, BSMI
	EMC	CE/FCC Class A, CCC, BSMI
Mechanical	Construction	Aluminum housing
	Mounting	VESA mounting
		Din-Rail mounting
		Desk/Wall mounting
	Dimensions (W x H x D)	189 x 41 x 130.6 mm (7.44" x 1.61" x 5.14")
Weight	1 kg (2.2 lb)	

Dimensions

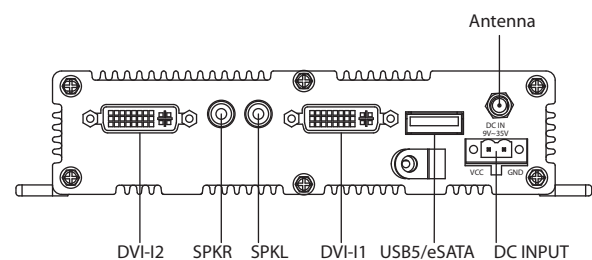
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Description
ARK-1382-S0A1E	ARK1, Intel Celeron ULV 423 1.06 GHz, w/ 2 COM + 4 USB + 1 LAN + 2 DVI + GigaLAN + Line out
ARK-1382W-S0A1E	ARK1, Intel Celeron ULV 423 1.06 GHz, w/ 2 COM + 4 USB + 1 LAN + 2 DVI + GigaLAN + Line out 1 x 802.11b/g WLAN

Packing List

Part Number	Description
2066138200	1 x Driver/Utility CD
1700001394	1 x 2-Pole Phoenix to DC-Jack Power Cable

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 type
1700001948	Power Cable 2-pin 180 cm, Europe Type
1700001949	Power Cable 2-pin 180 cm, UK Type
1700002141	Power Cable 2-pin PSE Mark 183 cm
1997001110, 1997001120, 1997001130, 1997001140	DIN-rail Mounting Kit
1960008516	VESA Mounting plate
1700004713	Cable DVI to DVI and CRT 15 cm