

ARK-3382

Four LAN Ports Compact System



Features

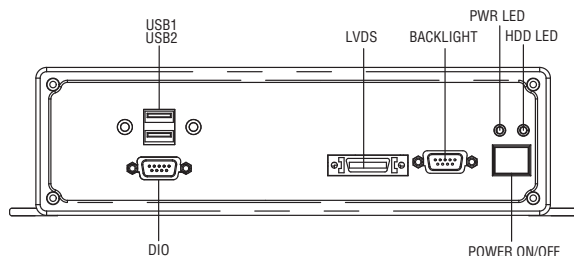
- Four 10/100Base-T Fast Ethernet ports, with LAN bypass support on LAN 2 and LAN 3
- Built-in Intel® Ultra Low Voltage Celeron® or Intel Pentium® M Low Voltage processor
- Sealed fanless construction
- Anti-Vibration to ensure maximum reliability
- Easy integration, easy maintenance, few parts
- Accepts a wide range of DC power sources



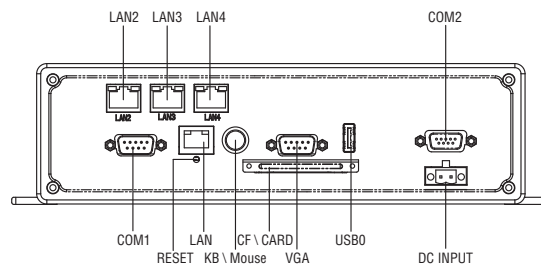
Specifications

Processor System	CPU	Intel Ultra low voltage Celeron or Intel Pentium M low voltage processor ULV Celeron M 1.0 GHz (0 KB L2 Cache) LV Pentium M 1.4 GHz (1 MB L2 Cache)
	System Chipset	Intel 852GM GMCH or Intel 855GME chipset Intel ICH4 chipset, 400 MHz FSB
	BIOS	4-Mbit Flash BIOS, supports Plug & Play, APM 1.2
	System Memory	1 x 200-pin SODIMM socket Supports DDR SDRAM up to 1GB
Graphics	Chipset	Integrated graphics built into Intel 852GM GMCH, or Intel 855GME GMCH, utilizing Intel Graphics 2 technology
	Memory	Dynamic video memory allocation up to 64 MB
	Interface	CRT Interface 36-bit LVDS interface
Ethernet	Controller	1 x Intel 82551QM 10/100Base-Tx Fast Ethernet controller supports LAN 1 3 x Realtek RTL8139DL 10/100Base-Tx Ethernet controller support LAN 2, LAN 3 and LAN 4 LAN Bypass support on LAN 2 and 3
Others	Serial Interface	1 x RS-232 port and 1 x RS-232/422/485 port
	USB Interface	3 x USB port, USB 2.0 Compliant
	Watchdog Timer	255 level timer interval, setup by software
	Keyboard/Mouse	Supports PS/2 mouse and PS/2 keyboard
	DIO	Support D-Type, 8 Bits DIO
Software Options		Windows XP Embedded, Windows 2000/XP Windows 32 bit VISTA
Storage	HDD	Supports drive bay space for 2.5" SATA HDD
	SSD	Supports CompactFlash socket for type I/II CompactFlash disk
Mechanical	Construction	Aluminum housing
	Mounting	DIN-rail mounting Desk/wall-mounting
	Dimensions (W x H x D)	264.5 x 69.2 x 137.25 mm (10.41" x 2.72" x 5.4")
	Weight	2 kg (4.4 lb)
Power	Power Consumption	Typical: 24 W, Max 36 W
	Input Voltage	12 Vdc ~ 24 Vdc, 12 Vdc @ 3 A, 24 Vdc @ 1.5 A
Environment	Operating Temperature	With Industrial Grade CompactFlash disk: -20 ~ 60° C With 2.5-inch hard disk: 0 ~ 45° C
	Relative Humidity	95 % @ 40° C (non-condensing)
	Vibration Loading During Operation	With CompactFlash disk only: 5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis. With 2.5-inch hard disk: 1 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis.
	Shock During Operation	With CompactFlash disk only: 50 G, IEC 60068-2-27, half sine, 11 ms duration With hard disk: 20 G, IEC 60068-2-27, half sine, 11 ms duration
	EMC	CE/FCC Class A, CCC, BSMI
	Safety Certification	CE, UL, CCC, BSMI

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Layout/Drawing



Packing List

Part Number	Description
-	1 x ARK-3382 Unit
197001110	1 x DIN-rail Mounting Kit
197001120	
197001130	
197001140	
1700060202	1 x PS2 Keyboard/Mouse Cable
-	1 x Utility CD
1700001967	1 x Flat cable for RS-485/422 mode of COM2
1700001394	1 x 2-P Phoenix to DC-Jack power cable

Ordering Information

Part Number	Description
ARK-3382-1S0B1E	ULV Celeron M 1.0 GHz Embedded Box Computer, with VGA/LVDS, 4 x 10/100Base-T Fast Ethernet 1 x 8 bits DIO
ARK-3382-1S4B1E	LV Pentium M 1.4 GHz, Embedded Box Computer, with VGA/LVDS, 4 x 10/100Base-T Fast Ethernet 1 x 8 bits DIO

Optional Items

External AC-to-DC Adapter and Power Cable

Part Number	Description
1757000222	AC-to-DC Adapter DC19 V/3.42 A 65 W, with Phoenix Power Plug, 0 ~ 45° 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
96SW-VISTABS-US1	Microsoft VISTA Business DSP ENGLISH
2070001112	XPE with Feature Pack 2007 OS Image and License for ARK-3380/1/2/3/4/9 English Version (600 MB)
2070001113	XPE with Feature Pack 2007 OS Image and License for ARK-3380/1/2/3/4/9 Traditional Chinese Version (600 MB)