

ARK-DS350

High Graphic Performance Digital Signage Platform

NEW



Features

- AMD 780MN + SB700 platform with selection of value and high-end AMD CPU
- Integrates ATI Radeon™ HD 3200 graphic engine for DirectX 9.0 compliant 2D/3D graphics performance
- Dual display of HDMI and VGA, supports Full HD up to 1080p
- Built-in Mini PCIe slot for easy expansion e.g. WiFi, TV-tuner
- Supports 6 x USB 2.0 (Internal 2 x USB 2.0), 2 x COM
- Supports VESA mounting



CE FCC

Specifications

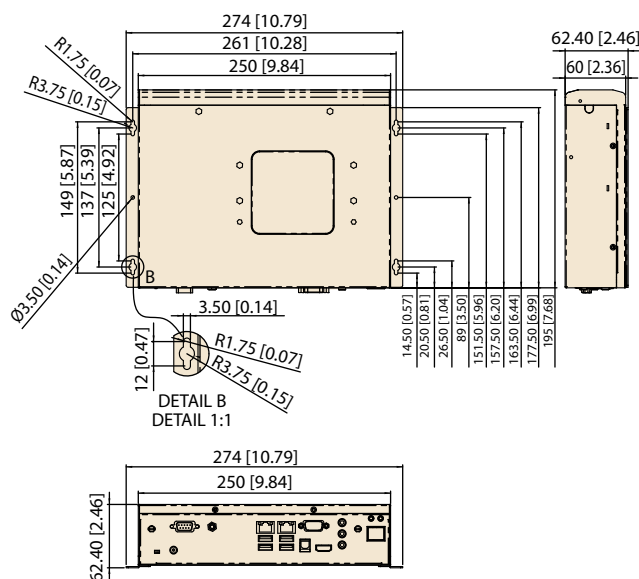
Processor System	CPU	AMD AM2 4200+, 3100+
	Chipset	780MN + SB700
	L2 Cache	512 KB ~ 2 MB (Depend on CPU Type)
	BIOS	Phoenix BIOS, 16 MB SPI
	Front Side Bus	HT3.0
Memory	Technology	2 x DDR2 240 pin DIMM
	Max. Capacity	Default 1GB, max. up to 4GB
Graphics	Chipset	Integrated ATI Radeon™ HD 3200 graphics
	Memory Size	Shared system memory up to 512 MB
	Resolution	Max. resolution 2560 x 1600 @ 60Hz
Storage	SATA	Default 2.5" SATA HDD, 160GB
	CF	CompactFlash socket for type I/II
Ethernet	Interface	Gigabit LAN Controller
	Controller	Broadcom 5764M
	Connector	2 x RJ-45
IO Interface	HDMI	1
	VGA	1 (D-sub 15-pin)
	LAN	2 (RJ-45)
	USB	4 (USB 2.0 compliant, 480Mbps; internal reserve 2 x USB 2.0)
	Audio	1 audio connector with Line-out, Mic-in, Line-in phone jacks
	Serial	1 x COM (RS-232)
	Mini-PCIe (Internal)	1 (for optional WLAN module or TV tuner module)
	PSW	2nd Power Switch interface
Power Requirement	Management	ACPI 2.0
	Power Consumption Input	TBD
	Voltage	
	Input Voltage	19V DC-in (ATX mode)
Watchdog Timer	Others	Supports Boot on Power back and schedule boot up function
	Output	Interrupt, system reset
	Interval	Programmable 1~255sec.
Physical Characteristics	Mounting	Easy mounting kits for LCD or Plasma
	Dimensions (W x H x D)	250 x 60 x 195 mm
	Weight	2.0 kg
Environment	Temperature	0 ~ 40° C (32 ~ 104° F), operating -20 ~ 70° C, storage
	Relative Humidity	95% @ 40° C (non-condensing), Operating
	Vibration Resistance	0.5 Grms, IEC 60068-2-64, Random, 5-500 Hz, 1hr/axis
Software Development Kit	Operating System	Supports Microsoft Windows 7, XP with SP3, XP Embedded
	EWf & WDT SDK	EWf and WDT library for signage stability design in XPE
	Linux	Linux Fedora 9.0
Certification	Electromagnetic	CE, FCC
	Safety	UL, CB, CCC, BSMI

*The playback is supported by the software not provided by Advantech

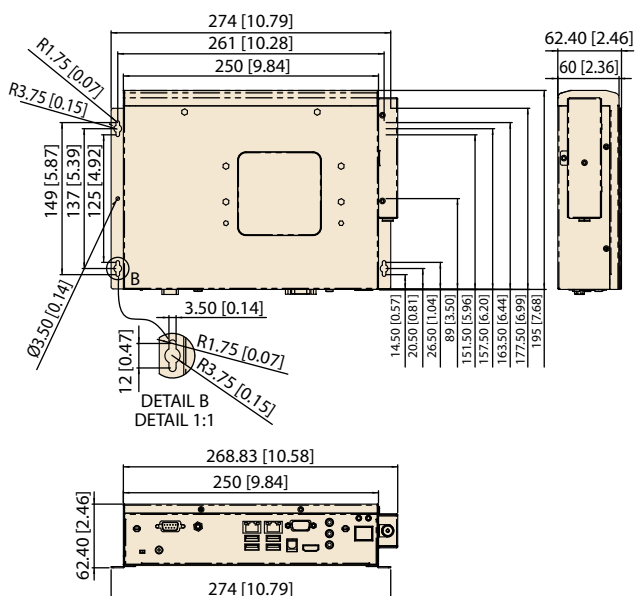
Dimensions

Unit: mm

Regular Model



With Optional TV tuner



Ordering Information

Part Number	Description
ARK-DS350-00A1E	ARK-DS350 Barebone, AM2 socket, VGA+HDMI, 2 GbE, 4 USB, COM, Audio
ARK-DS350-U2A1E	ARK-DS350, AM2 4200+, VGA+HDMI, 2 GbE, 4 USB, COM, Audio w/ 1GB RAM+160G HDD
ARK-DS350-U0A1E	ARK-DS350, AM2 3100+, VGA+HDMI, 2 GbE, 4 USB, COM, Audio w/ 1GB RAM+160G HDD

Power Cord & Specific Power Adaptor

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
170203180A	3-pin power cord (UK)
1700008921	3-pin power cord (PSE for Japan)
1757002601	PSE certified power cord for Japan

Accessory

Part Number	Description
968EMW0021	WLAN Module
TBD	TV tuner module
968EMC0010	HSDPA 3.5G miniCard (with SIM card slot)

Embedded S/W

Part Number	Description
2070009684	XPE WES2009 ARK-DS350 V4.0 ENG
2070009685	XPE WES2009 ARK-DS350 V4.0 MUI24