

# ARK-DS762

## 3rd Generation Intel® Core™ i7/i5/i3 Processor-based Digital Signage Platform

**NEW**



### Features

- 3rd Generation Intel® Core™ i7/i5/i3 Processor-based up to 45W
- Supports for Direct X11, and OCL 1.1
- 3 Independent Display: 3 x HDMI
- Flexibility for Expansion and Storage Options (HDD/Cfast/Mini PCIe/USB2.0 & 3.0)
- 19VDC Power input , supports DC power hot plug
- Operation Temp.: 0 ~ 40° C (0 ~ 50° C for option)
- Supports iManager, SUSIAccess and Embedded Software APIs

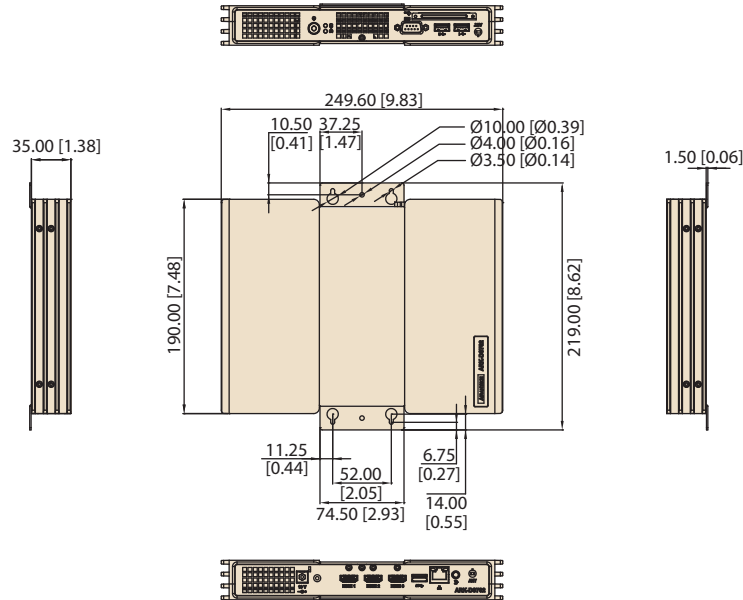


### Specifications

Processor System	CPU	3rd generation Intel Core i7/i5/i3 up to 45W (PGA type)
	System Chipset	QM77
	L2 Cache	2 MB ~ 8 MB
	BIOS	AMI BIOS uEFI code, 64 MB SPI Flash
Memory	Technology	2 x DDR3 204 pin SO-DIMM
	Max. Capacity	16 GB/up to 8 GB per SO-DIMM
Display	Chipset	Embedded in processor
	Graphic Engine	Support DirectX 11, OpenGL 3.1, OpenCL 1.1, Full AVC, VC1, MPEG2 H/W
	Output	3 x HDMI
	Resolution	HDMI: Supports 1920 x 1080p at 60 Hz, 36 bpp, Supports HDMI v1.3
Storage	SATA	2.5" SATA HDD (height 7.0 mm/9.5 mm)
	Cfast (socket)	1
Ethernet	Interface	Gigabit LAN Controller
	Controller	Intel 82579LM
	Connector	1 x RJ-45
Audio	Chipset	Realtek ALC892, High Definition Audio(HD),Line-Out, Jack Sense support
IO Interface	HDMI	3
	LAN	1 (RJ-45)
	USB	2 (USB 2.0 compliant), 1 (USB 3.0 compliant)
	Audio	1 audio phone jack for Line_Out, Jack Sense
	Serial	1 x COM (RS-232)
	Mini-PCIe (Internal)	1 (for optional expansion modules)
	Power input	1 (DC-in Jack)
Power Requirement	Management	ACPI 3.0
	Power Consumption	Up 90W Support
	Input Voltage	19 V DC-in (ATX/AT mode, default ATX)
	Others	Supports Boot on Power back and schedule boot up function
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable 1~255sec.
Physical Characteristics	Mounting	Easy mounting kits for LCD or Plasma
	Dimensions (W x D x H)	249.6 x 190.0 x 35.0 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	0.2 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis.
Software Development Kit	Operating System	Supports Microsoft Window 8, Window 7, XP Embedded
	EFW & WDT SDK	EFW and WDT library for signage stability design in Windows OS
	Linux	Linux Fedora 14
Certification	Electromagnetic	CE, FCC
	Safety	CCC, BSMI, UL

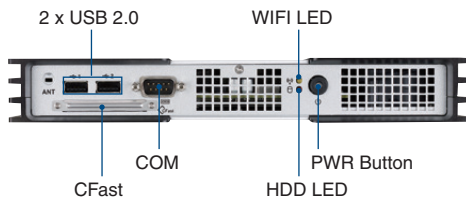
## Dimensions

Unit: mm (inch)

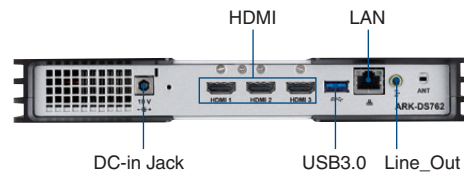


## ARK-DS762 External I/O

Front



Back



## Packing List

Part Number	Description
-	1 x ARK-DS762 Unit
-	1 x Driver/Utility CD/Manual
-	1 x User Manual (Simplified Chinese)
-	1 x Power adapter AC-DC 100-240V, 90W
-	1 x China RoHS
-	1 x Mounting bracket kit

## Embedded OS

Part Number	Description
2070011542	IMG WES7P (32bit) ARK-DS762 V5.1.2 ENG/TC/SC/JP w/ SA Pro
2070011543	IMG WES7P (32bit) ARK-DS762 V5.1.2 ENG w/ SA Pro
2070011223	IMG WES7E (32bit) ARK-DS762 V5.1.3 ENG/TC/SC/JP w/ SA Pro
2070011548	IMG WES7E (32bit) ARK-DS762 V5.1.3 ENG w/ SA Pro
2070011553	IMG XPE WES09 ARK-DS762 V4.1 24 multi w/ SA Pro
2070011544	IMG XPE WES09 ARK-DS762 V4.1 Eng w/ SA Pro
2070011686	IMG WES7E (64bit) ARK-DS762 V5.6.4 ENG w/ SA Pro
2070011749	IMG WES7P (64bit) ARK-DS762 V5.6.3 ENG w/ SA Pro

## Ordering Information

Part Number	Description
ARK-DS762GQ-U3A1E	Intel 3rd Core i7-3610QE, 4G RAM, 250G HD, WES7P w/ SUSAcess Pro
ARK-DS762GB-00A1E	Intel 3rd core i7/5/3 Digital Signage computer box (barebone)
96MPI7M-2.3-6M9T	Intel 3rd Gen. Core i7-3610QE Quad core CPU 2.3GHz
96MPI5-2.7-3M9T	Intel 3rd Gen. Core i5-3610ME Dual core CPU 2.7GHz
96MPI3M-2.4-3M9T	Intel 3rd Gen. Core i3-3120ME Dual core CPU 2.4GHz

## Power cord

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 with PSE (Japan)
1700019146	3-pin power cord (CCC)