

ARK-DS262

3rd Generation Intel® Core™ i7 Processor-based Digital Signage Platform

NEW



Features

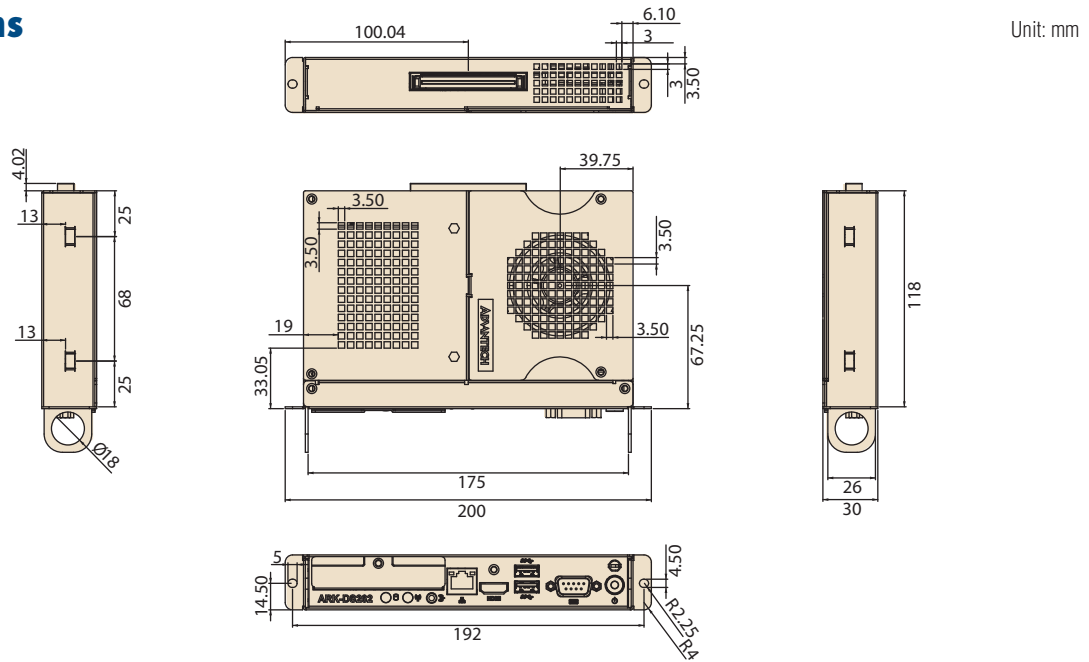
- 3rd generation Intel® Core™ i7 processor-based platform
- Designed compliant with OPS (Open Pluggable Standardization)
- Supports HDMI, eDP, UART, USB3.0/2.0 via JAE 80-pin connector
- Supports PCIe x 4, USB3.0/2.0, SATA, LPC & SMB by optional 2nd JAE 60-pin connector
- Slot-in integration, easy maintenance
- Designed compliant with Energy Star 5.0
- Supports iManager, SUSIAccess and Embedded Software APIs



Specifications

Processor System	CPU	3rd generation Intel Core i7-3555LE 2.5 GHz	3rd generation Intel Core i3-3217UE 1.6 GHz
	System Chipset	Intel QM77 chipset	
	BIOS	AMI 64 MB SPI BIOS	
Memory	Technology	2 x DDR3 204-pin SO-DIMM	
	Max. Capacity	Max. up to 16 GB (8 GB per SO-DIMM)	
Display	Chipset	Integrated graphics built in Processor	
	Resolution (Chipset support)	HDMI/eDP: up to 1920 x 1080 (via OPS interconnection)	
	Output	HDMI x 1	
Storage	SATA Interface	Support 2.5" SATA HDD (support max 9.5 mm height only)/SSD/SATA Slim Card	
Ethernet	Interface	Gigabit LAN Controller Intel 82579LM	
I/O Interface	*JAE Connector	1 (JAE TX25 80-pin)/ 2 (JAE TX25 80-pin + JAE TX25 60-pin by optional)	
	HDMI	1	
	LAN	1 (RJ-45)	
	USB	2 (USB 3.0 compliant)	
	Audio	1 audio phone jack for Line-out	
	Serial	1 x COM (RS-232)	
	Mini-PCIe (Internal)	1	
Power Requirement	Management	ACPI 3.0	
	Power Consumption	Average 19 W	
	Input Voltage	12 V-24 V DC-in (via OPS interconnection)	
Watchdog Timer	Output	Interrupt, system reset	
	Interval	255-level timer interval, setup by software	
Physical Characteristics	Dimensions (W x H x D)	200 x 30 x 119 mm (OPS compliant)	
	Weight	1.0 Kg	
Environment	Temperature	-10 ~ 50° C (operating)	
	Relative Humidity	95% @ 40° C (non-condensing), operating	
	Vibration Resistance	0.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis.	
Software Development Kit	Operating System	Supports Microsoft Win7, WES7E, XP Embedded	
	Remote Device Management	SUSIAccess (available by ARK-DS262GQ)	
	System Recovery	Acronis (available by ARK-DS262GQ)	
	Anti-Virus	McAfee (available by ARK-DS262GQ)	
Certification	Electromagnetic	CE/FCC Class B, CCC, BSMI, C-Tick	
	Safety	UL, CB	

Dimensions



JAE TX25 Signal Allocation

Signal via JAE TX25 80-pin	Signal via JAE TX25 60-pin (optional)
HDMI (support HDMI-CEC)	PCIe x 4
Display Port	USB 2.0/3.0
UART	SATA
USB 2.0	LPC
Audio	SMBus

Embedded OS

Part Number	Description
2070011432	WES7E ARK-DS262 ENG/JPN/CHT/CHS w/Kinect SDK, SUSIAccessPro, iManager 2.0
2070011538	WES7P 64bits ARK-DS262 w/Kinect SDK, SUSIAccessPro, iManager 2.0
2070011436	XPE WES2009 ARK-DS262 24MUI w/SUSIAccess Pro

Packing List

Part Number	Description
-	1 x ARK-DS262 Unit
-	1 x Driver/Utility CD
-	1 x Simplified Chinese User Manual
-	1 x China RoHS
-	1 x OPS Sticker
-	SUSIAccess CD

Optional Items

Part Number	Description
AMO-I005E	Docking Board, OPS JAE TX24/DC-in Jack/HDMI/DP/COM/USB
AMO-WIFI03E	Centrino N100 WiFi miniPCIe for ARKD

Ordering Information

Part Number	Description
ARK-DS262GF-U5A1E	ARK-DS262, i7-3555LE, 250G HDD, 2G RAM
ARK-DS262GF-S6A1E	ARK-DS262, i3-3217UE, 250G HDD, 2G RAM
ARK-DS262GB-U5A1E	ARK-DS262, i7-3555LE, Barebone unit
ARK-DS262GB-S6A1E	ARK-DS262, i3-3217UE, Barebone unit
ARK-DS262GQ-U5A1E	ARK-DS262, i7-3555LE, 250G HDD, 2G RAM, WES7E, SUSIAccess, McAfee, Acronis
ARK-DS262GQ-S6A1E	ARK-DS262, i3-3217UE, 250G HDD, 2G RAM, WES7E, SUSIAccess, McAfee, Acronis