Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

DS-370

Intel® Celeron® J1900 Quad-Core
Fanless Digital Signage Player

NEW

Features

- Intel® Celeron® J1900 quad-core, low-power, fanless SoC platform
- Rich I/O interface for devices or wireless module connection
- Supports full HD dual display
- Mini PCIe interface for easy expansion (e.g., WLAN and 3G)
- Built-in content management software for content editing, scheduling, and remote monitoring

Acronis (intel) Security **WebAccess/IMM WISE-PaaS/RMM**

Windows Embedded Windows 7 Windows 8 Windows 10

Introduction

Advantech's DS-370 is a low-power, fanless digital signage player that supports full HD dual displays. DS-370 is also equipped with a rich I/O interface for devices or wireless module connection and features a slide-in chassis design for easy maintenance. To enable easy signage network management, DS-370 comes bundled with dedicated signage software, WebAccess/IMM, and WISE-PaaS/RMM remote device management software, allowing the customer to manage digital signage networks installed in multiple locations with less effort at no extra cost. DS-370 provides the ideal cost-effective solution for single or dual-display applications in public spaces.

Specifications

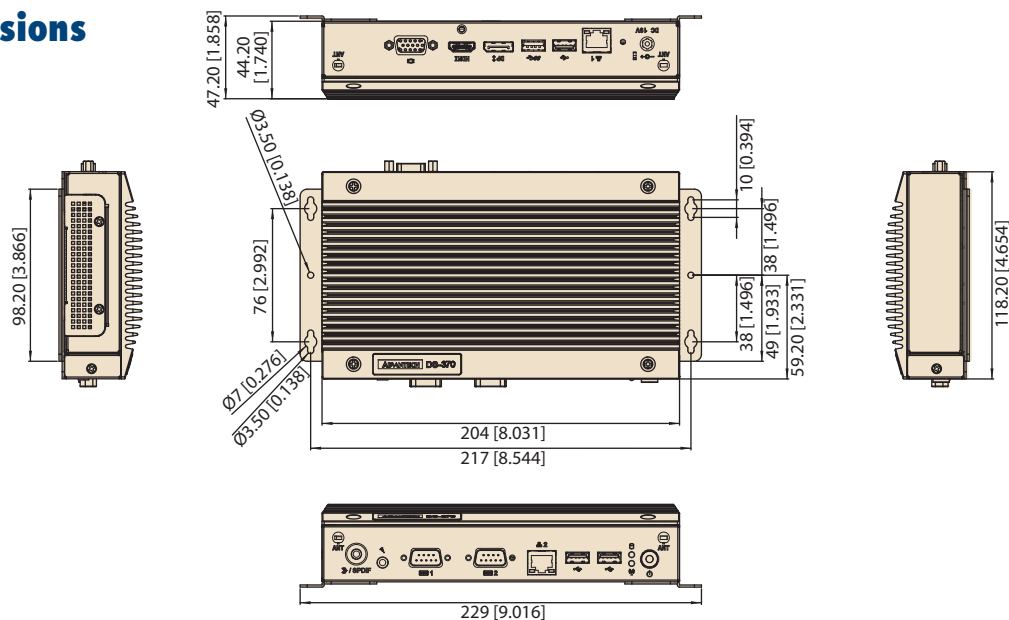|		
Processor System	CPU	Intel® Celeron® J1900 quad-core 2.0 GHz SoC processor
	BIOS	AMI uEFI 64-Mbit
Memory	Technology	DDR3L 1333 MHz
	Socket	2 x 204-pin SODIMM*
	Max. Capacity	8 GB (up to 4 GB per SODIMM)
Display	Processor Graphics	Intel® HD Graphics
	Max. Resolution	VGA: 2048 x 1280 @ 60Hz HDMI: 1920 x 1080 @ 60Hz DP++: 1920 x 1080 @ 60Hz
	Output	Dual displays
	Graphics Engine	DirectX® 11.1, , OGL 3.0, OCL 1.1, OGL ES 2.0 Encode: H.264, MPEG2/4, VC1, WMV9 Decode: H.264, MPEG2
Storage	SATA	1 x 2.5-inch SATA II HDD/SSD (7 mm height)
	Others	mSATA, via the mini PCIe slot**
Ethernet	Interface	Gigabit LAN controller
	Controller	Intel I211
I/O Interface	HDMI	1
	DP++	1
	VGA	1
	LAN	2
	USB 2.0	3
	USB 3.0	1
	Audio	1 x Mic In, 1 x SPDIF/ Line Out (supports jack sensing via OS settings)
	Serial Ports	2 x RS-232
	Mini PCIe	2 x Full-size mini PCIe
	SIM Socket	1 x SIM card (optional)
	Power Input	1 (DC-in jack)
Power Requirement	Management	ACPI 3.0
	Power Consumption	Idle mode: 4.39 W (w/o expansion) Full mode: 10.85 W (w/o expansion)
	Input Voltage	19 V DC in (ATX/AT mode, default ATX)
	Others	Supports boot on power restore and scheduled boot up functions
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable by SUSIAccess
Physical Characteristics	Mounting	Supports VESA/DIN rail/wall mounting (optional)
	Dimensions (W x D x H)	204 x 118.2 x 44.2 mm
	Weight	1.275 kg
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F) (w/HDD), 0 ~ 50 °C (32 ~ 122 °F) (w/SSD, Tc spec . need above 85°C)
	Relative Humidity	95% @ 40 °C (non-condensing)
	Random Vibration	1 Grms /5-500Hz /Operation
	Shock	10G (11ms)/Operation, 30G (11ms)/Non-operation
Software Support	Microsoft Windows	WES7E, Windows 7, WE8S, Windows 8
	Linux	Linux Fedora 20
Certification	EMC	CE/FCC Class B, CCC, BSMI
	Safety	UL, CB, CCC, BSMI

*If only one RAM, please insert it into the SODIMM 1 slot before booting up.
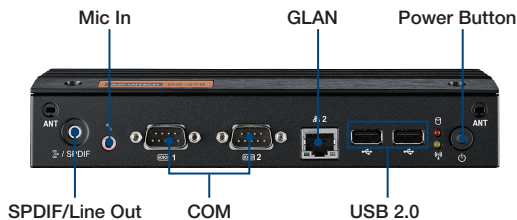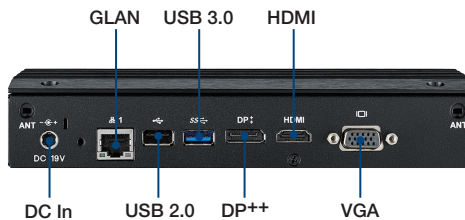**64 GB of onboard micro SSD: Supported by T-part processes.

ADVANTECH   **Digital Signage Players**

Dimensions

Unit: mm [inch]

DS-370 External I/O

Front

Mic In · GLAN · Power Button

SPDIF/Line Out · COM · USB 2.0

Rear

GLAN · USB 3.0 · HDMI

DC In · USB 2.0 · DP++ · VGA

Packing List

Part Number	Description
-	1 x DS-370 unit
-	1 x Power adapter (DC 19 V/3.42A 65 W)
-	1 x Bracket set for fixing power adapter plug
-	2 x Mounting brackets
-	1 x User manual
-	1 x Content management software

Ordering Information

Part Number	Description
DS-370GB-U0A1E	DS-370, Intel J1900, barebone unit
DS-370GF-U0A1E	DS-370, Intel J1900, 64GB 2.5" SATA SSD, 4G RAM
DS-370GQ-U0A1E	DS-370, Intel J1900, 64GB 2.5" SATA SSD, 4G RAM, WES7E

Embedded OS

Part Number	Description
2070013687	Image DS-370 WES7E x64 v5.6.8 EN/TC/SC/JP
2070013688	Image DS-370 WES7P x64 v5.6.6 10MUI
2070013356	Image WE8S DS-370 V6.5.2 10 multi
2070014786	img W10 16EL DS-370 64bit 1609 Eng

Power Cord

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
170203180A	3-pin power cord (UK)
1702031836	3-pin power cord (AU)
1700008921	3-pin power cord (Japan)
1700019146	3-pin power cord (China)

Mounting Kits

Part Number	Description
AMK-V005E	VESA mount kit (generic for ARK-DS/DS)
AMK-V012E	DS-3XX ARM/VESA mount kit
AMK-V017E	DS products VESA with Din Rail bracket

Optional Items

Part Number	Description
AMO-WIFI06E	Realtek/Wi-Fi 802.11bgn/mini PCIe module with cable and antenna
AMO-HSDPA02E	U-blox/HSDPA 6 band/mini PCIe module with cable and antenna