

# DS-066

## Intel® Celeron® J1900 Quad-Core Ultra-slim Fanless Digital Signage Player

NEW



### Features

- Intel® Celeron® J1900 quad-core, low-power, fanless SoC platform
- Dual HDMI display output, resolution up to FHD
- 19mm-thin chassis ideal for space-limited installation
- M.2 2230 E-Key interface for easy expansion
- Fanless & cableless design for easy maintenance
- Supports WISE-PaaS/DeviceOn for remote monitoring and control

Intel Security Acronis WISE-PaaS/DeviceOn

### Introduction

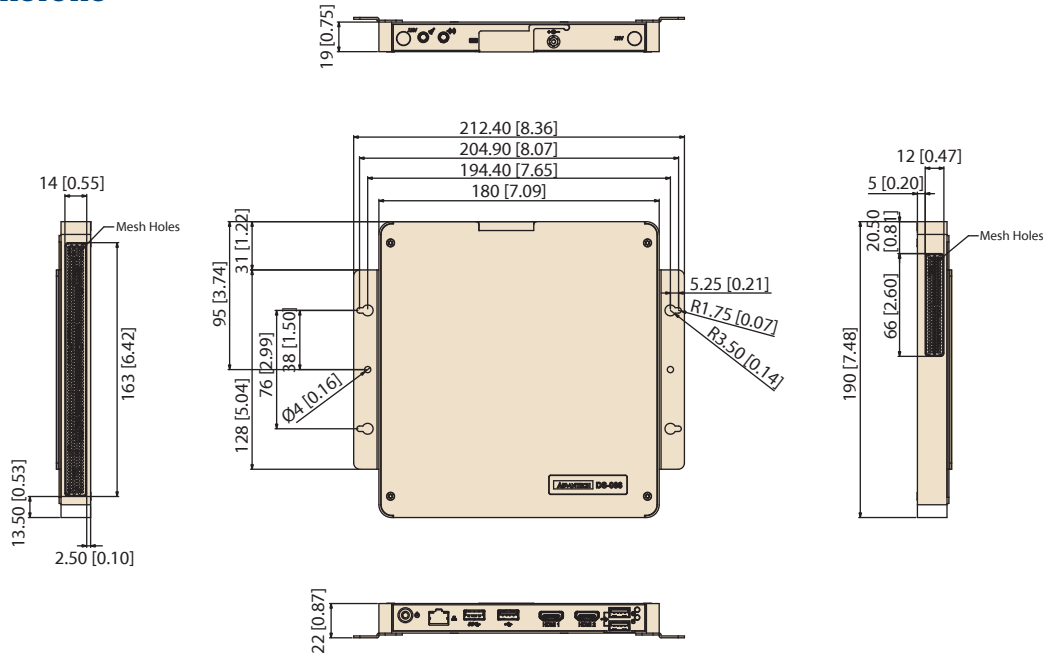
Advantech DS-066 is fanless, low power Digital Signage Player. It supports Full HD output for simultaneous dual displays. DS-066 is not only a cost effective signage player, but also measures a mere 19 mm thick. DS-066 supports embedded OS, plus management software and APIs. Advantech designed DS-066 in the smallest possible form factor for a cost effective solution, ideal for single or dual-display applications in public spaces and more.

### Specifications

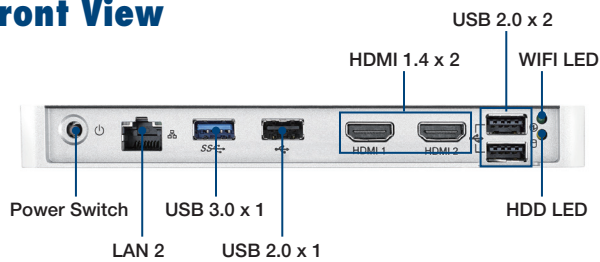
		DS-066GB-U0A1E
Processor	Processor	Intel® Celeron® J1900 quad-core 2.0 GHz SoC processor
	Chipset	Integrated in SOC
	BIOS	AMI uEFI 64-Mbit
Memory	Technology	DDR3L 1333 MHz
	Max. Capacity	8 GB (up to 4 GB per SODIMM)
	Socket	2 x 204-pin SODIMM*
Thermal Solution		Fanless
Display	Graphics Engine	Intel® HD Graphics
	Output	HDMI x 2
	Resolution	1920 x 1080 @ 60Hz
Ethernet	Controller	Intel I211-AT
	Interface	Gigabit LAN Controller
I/O Interfaces	Audio	1 x Line-out, 1 x Mic in, supports Jack Sense
	LAN	1 x RJ45
	HDMI	2
	USB 3.0	1
	USB 2.0	3
	Serial Port	1 x RS-232
	M.2 E-Key	1
	PSW	1 x Power on/off button
Storage	LED Indicators	1 x Power, 1 x HDD Access
	SATA	1 x 2.5-inch SATA III HDD/SSD (7 mm height)
Power Requirement	Power Consumption	Idle mode: 4.4 W (w/o expansion) Full mode: 13 W (w/o expansion)
	Input Voltage	19 V DC-in (ATX/AT mode)
Watchdog Timer	Output	Interrupt, system reset
Physical Characteristics	Mounting	VESA/Desk/Wall/Din Rail
	Dimensions (W x D x H)	180 x 190 x 19 mm
	Weight	0.87 kg (1.92 lb)
Environment	Operating Temperature	0 ~ 40 °C (w/ HDD) @ 0.7 m/s air flow 0 ~ 50 °C (w/ SSD) @ 0.7m/s air flow
	Relative Humidity	95% @ 40 °C (non-condensing)
Operating System	Operating System	Supports Win10 x64
	Linux	Supported by project
Certifications	EMC	CE,FCC Class B,CCC,BSMI
	Safety	UL,CB,CCC,BSMI

## Dimensions

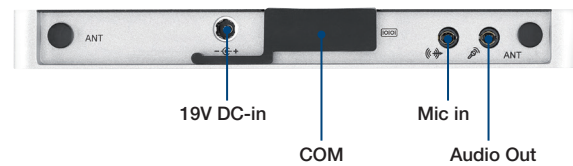
Unit: mm [inch]



## Front View



## Rear View



## Packing List

Part Number	Description
-	1 x DS-066 unit
-	1 x Power adapter (DC 19 V/3.42A 65 W)
-	2 x Mounting brackets
-	2 x User manual

## 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)

## Ordering Information

Part Number	Description
DS-066GB-U0A1E	DS-066 BYT-D J1900, Barebone

## Embedded OS

Part Number	Description
20706WX9ES0005	img W10 19EL DS-066 64b 1809 ENU

## Mounting Kits

Part Number	Description
AMK-V005E	VESA mount kit (generic for ARK-DS/DS)

## Optional Items

Part Number	Description
EWM-W163M201E	Advantech Brand, 802.11 a/b/g/n/ac, Atheros QCA6174A-5, 2T2R, with BT4.2 (Low energy operation) (A-E key)
EWM-W160M201E	Advantech Brand, 802.11 b/g/n, Realtek RTL8188EE, 1T1R (2-antenna) (A-E Key)