

# DS-081

## Ultra-slim Fanless Digital Signage Player

**NEW**



### Features

- Power by 6th/7th Generation Intel® Core™ and Intel® Celeron® Mobile-U processor
- Adopts embedded/non-embedded processors for different application needs
- 19mm-thin chassis ideal for space-limited installation
- Dual HDMI display output, resolution up to 4096 x 2304 UHD
- Fanless & Cable-less design for easy maintenance
- Highly expandable via internal Mini-PCIe interface (M-SATA compliant)
- Supports WISE-PaaS/RMM and Embedded Software APIs
- Supports WebAccess/IMM for intuitive signage content managing, remote monitoring and control

McAfee® Acronis WISE-PaaS/SignageCMS WISE-PaaS/RMM

### Introduction

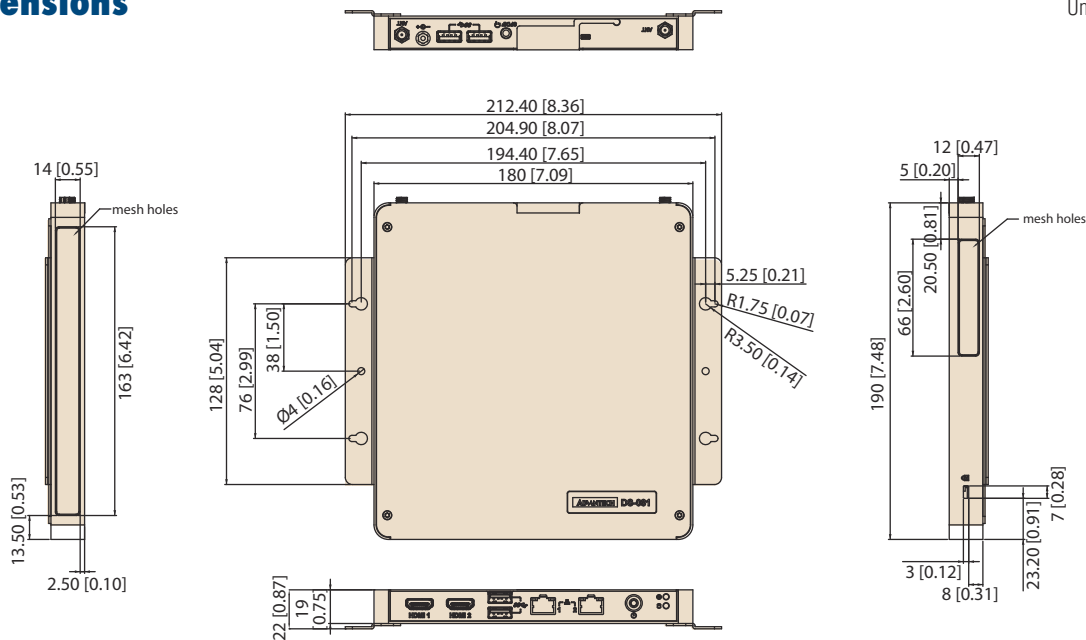
Measuring at 19 mm thick, DS-081 is the world's slimmest digital signage player powered by 6th/7th Generation Intel® Core™ and Intel® Celeron® Mobile-U processor. This thin-and-powerful signage player is equipped with 2x HDMI display which is capable to achieve up to 4096 x 2304 UHD resolution, and delivers a premium visual experience when graphics performance really matters. Windows® Embedded OS, Linux are supported, and Advantech WISE-PaaS/SignageCMS, Web-based content management software, is also free on offer. We've designed the DS-081 in the smallest possible form factor, for optimized performance.

### Specifications

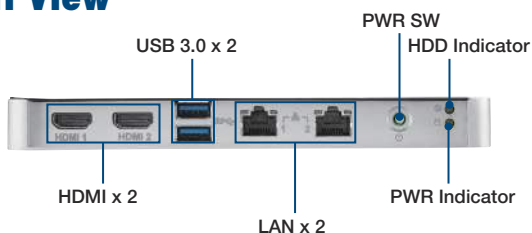
		DS-081GB-U1A1E	DS-081GB-U5A1E	DS-081GB-U2A1E	DS-081GB-U4A1E
Processor	Processor	Intel® Celeron 3965U	Intel® Core™ i5 7200U	Intel® Core™ i3 6100U	Intel® Core™ i5 6300U
	Chipset	Integrated in SOC			
	BIOS	AMI uEFI 128 Mbit			
Memory	Technology	DDR4 2133MHz			
	Max. Capacity	32GB (16GB per SO-DIMM)			
	Socket	2 x 260-pin SODIMM			
Intel® AMT		N/A	N/A	N/A	Yes (LAN1)
Thermal Solution		Fanless			
Display	Graphics Engine	Intel® HD Graphics 610	Intel® HD Graphics 620	Intel® HD Graphics 520	
	Output	HDMI 1.4 x 2			
	Resolution	4096 x 2304 @ 24Hz			
Ethernet	Controller	(LAN1) INTEL® I219-LM / (LAN2) Realtek RTL8111G			
	Interface	Gigabit LAN Controller			
	Connector	2 x RJ-45			
I/O Interfaces	Audio	1 (SPDIF/Line-out/ Mic-in), support Jack Sense			
	LAN	2 (RJ-45)			
	HDMI	2			
	USB 3.0	4			
	Serial Port	1 x RS-232			
	Mini-PCIe (Internal)	1 (Full-size)			
	PSW	1 x Power on/off button			
	LED Indicators	1 x Power, 1 x HDD Access			
Storage	SATA	1 x 2.5-inch SATA III HDD/SSD (7 mm height)			
	mSATA	1 x Full-size			
Power Requirement	Power Management	ACPI 3.0			
	Input Voltage	19 V DC-in (ATX/AT mode)			
Watchdog Timer	Output	Interrupt, system reset			
	Interval	255-level timer interval, setup by software			
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 (32 ~ 104F) with 0.7 m/s airflow			
	Relative Humidity	95% @ 40° C (non-condensing), operating			
Operating System	Operating System	Supports Win7 x64/x86, Win8.1 x64, Win10 x64			
	Linux	supported by project			
Certifications	EMC	CE,FCC Class B,CCC,BSMI			
	Safety	UL,CB,CCC,BSMI			

## Dimensions

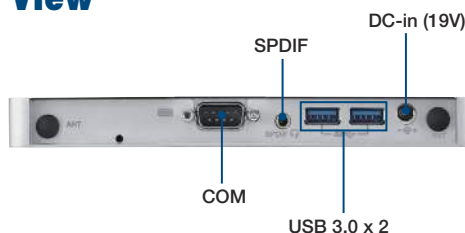
Unit: mm [inch]



## Front View



## Rear View



## Ordering Information

Part Number	Description
DS-081GB-U1A1E	DS-081, Intel® Celeron 3965U, barebone
DS-081GB-U2A1E	DS-081, Intel® Core™ i3 6100U, barebone
DS-081GB-U4A1E	DS-081, Intel® Core™ i5 6300U, barebone
DS-081GB-U5A1E	DS-081, Intel® Core™ i5 7200U, barebone

## Embedded OS

Part Number	Description
2070015264	img WES7E DS-081 64b 1701 ASIA 4 MUI
2070015263	img WES7P DS-081 64b 1701 10 MUI
2070015265	img W8.1 IP DS-081 64b 1609 10 MUI
2070015266	img W10 16VL DS-081 64b 1701 ENU

## Packing List

Part Number	Description
-	1 x DS-081
-	1 x 19V Power adapter
-	1 x China RoHS
-	2 x Wall Mount Brackets
-	1 x Installation DVD for Management Software
-	1 x Simplified Chinese Manual
-	1 x Traditional Chinese Manual
-	4 x Rubber foot and screws

## 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)

## Optional Items

Part Number	Description
AMO-WIFI06E	Realtek/wifi 802.11bgn/miniPCIe, cable, antenna
AMO-HSDPA02E	U-blox/HSDPA 6band/miniPCIe, cable, antenna
AMK-V005E	VESA mount kit (Generic for ARK-DS/DS)
AMK-V017E	DS products VESA with Din Rail bracket