



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!



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DS-081

6th Generation Intel® Core™ i3/i5 Ultra-slim Fanless Digital Signage Player

NEW



Features

- Power by Intel® Core™ i5-6300U/6200U, Core™ i3-6100U processors
- 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 WebAccess/IMM WISE-PaaS/RMM

Introduction

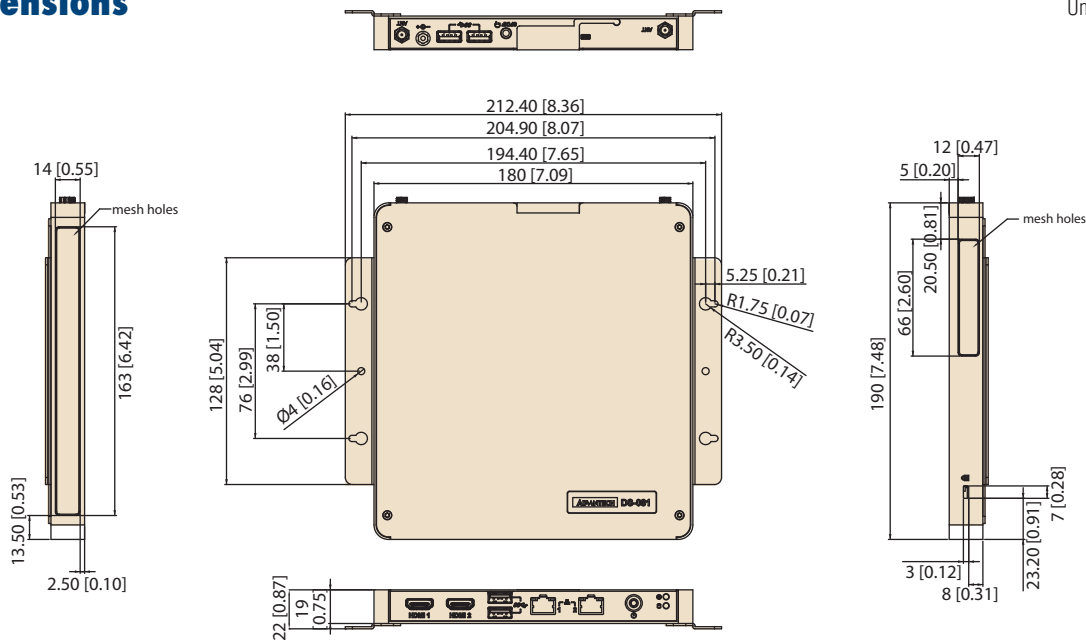
Measuring at 19 mm thick, DS-081 is the world's slimmest digital signage player powered by 6th Generation Intel® Core™ i3/i5 processors. This thin-and-powerful signage player is equipped with 2x HDMI display which is capable to achieve up to 4096 x 2304 UHD resolution, and delivers a premium visual experience when graphics performance really matters. Windows® Embedded OS, Linux are supported, and Advantech WebAccess/IMM, 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

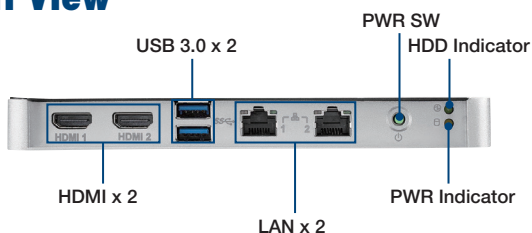
		DS-081GB-U2A1E	DS-081GB-U3A1E	DS-081GB-U4A1E
Processor	Processor	Intel® Core™ i3 6100U	Intel® Core™ i5 6200U	Intel® Core™ i5 6300U
	Chipset	Integrated in SOC		
	BIOS	AMI uEFI 128 Mbit		
Memory	Technology	DDR4 2133MHz		
	Max. Capacity	32GB (16GB per SO-DIMM)		
	Socket	2 x 260-pin SODIMM		
Intel® AMT		N/A	N/A	Yes (LAN1)
Thermal Solution		Fanless		
Display	Graphics Engine	Intel® HD Graphics 520		
	Output	HDMI 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

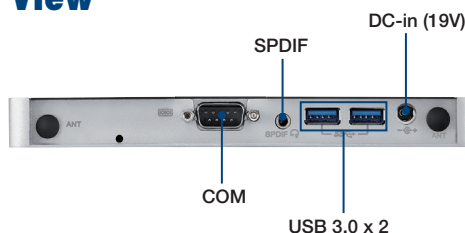
Unit: mm [inch]



Front View



Rear View



Ordering Information

Part Number	Description
DS-081GB-U2A1E	DS-081, Intel® Core™ i3 6100U, barebone
DS-081GB-U3A1E	DS-081, Intel® Core™ i5 6200U, barebone
DS-081GB-U4A1E	DS-081, Intel® Core™ i5 6300U, 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 WebAccess/IMM & WISE-PaaS/RMM installation DVD
-	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