



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-080

5th Gen. Intel® Core™ i5/Celeron® Ultra-slim Digital Signage Player

NEW



Features

- Power by 5th Generation Intel® Core™ i5-5350U/5200U/Celeron® 3765U processors
- Adopts both embedded/non-embedded processors for different application needs
- 19mm-thin chassis ideal for space-limited installation
- Dual HDMI display output, resolution up to 3840 x 2160 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

Acronis Security

WebAccess/IMM WISE-PaaS/RMM iManager

Introduction

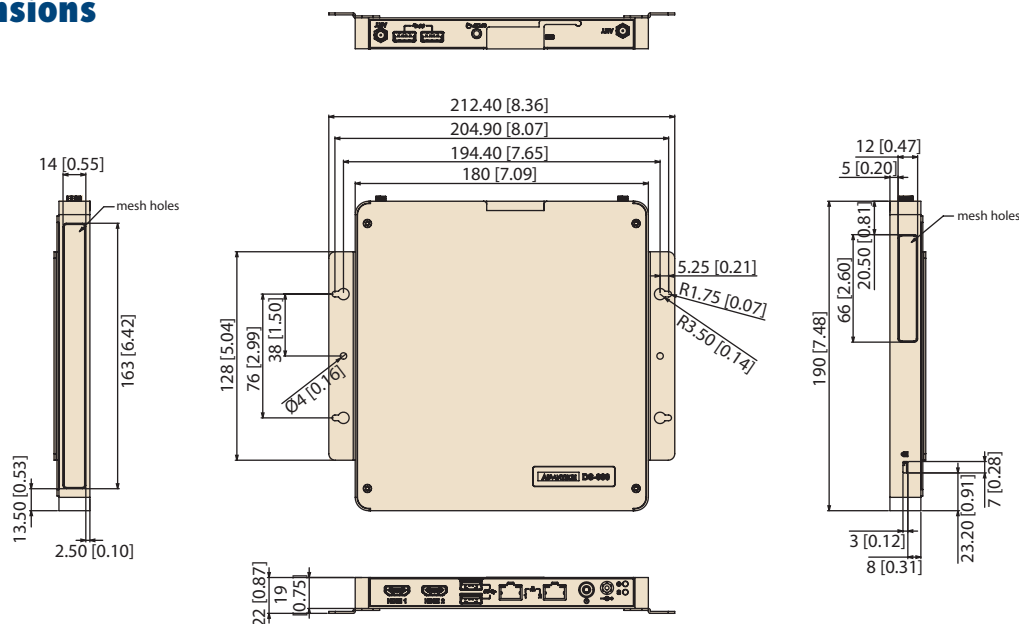
Measuring at 19 mm thick, DS-080 is the world's slimmest digital signage player powered by 5th generation Intel® Core™ i5/Celeron processors. This thin-and-powerful signage player is equipped with 2x HDMI display which is capable to achieve up to 3840 x 2160 UHD resolution, and delivers a premium visual experience when graphics performance really matters. Windows® Embedded OS, Linux are supported, with iManager preloaded, and Advantech WebAccess/IMM, Web-based content management software, is also free on offer. We've designed the DS-080 in the smallest possible form factor, for optimized performance.

Specifications

Processor system	Processor	Intel Core i5-5350U/Core i5-5200U/Celeron 3765U
	PCH chipset	Integrated in SOC
	BIOS	AMI uEFI 128 Mbit
Memory	Technology	DDR3L 1600MHz
	Max. Capacity	8GB per SO-DIMM
	Socket	2 x 204pin SODIMM
Thermal Solution		Fanless
Display	Graphics Engine	Intel Integrated HD 6000 (Core i5-5350U) Intel Integrated HD 5500 (Core i5-5200U) Intel Integrated HD Graphics (Celeron 3765U)
	Output	HDMI x 2
	Resolution	3840 x 2160 @ 30Hz (Core i5-5350U/5200U) 1920 x 1080 @ 60Hz (Celeron 3765U)
Ethernet	Interface	Gigabit LAN Controller
	Controller	Intel I211 x 1 Intel I218 x 1
	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/RS-422/RS-485 or 2 x RS-422/RS-485 with extension cable (w/o auto flow control in RS485 mode)
	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	Easy mounting kits for LCD or Plasma
	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
Software Development Kit	Operating System	Supports Microsoft Windows 10, Windows 8, Windows 7
	Linux	supported by project
Certifications	EMC	CE, FCC Class B, CCC, BSMI
	Safety	UL, CB, CCC, BSMI

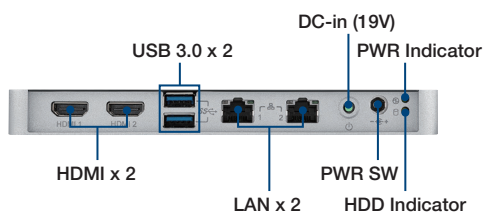
Dimensions

Unit: mm [inch]

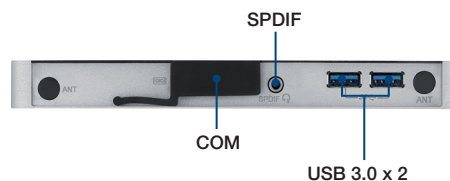


External I/O

Front



Back



Packing List

Part Number	Description
-	1 x DS-080
-	1 x 19V Power adapter
-	1 x China RoHS
-	2 x Wall Mount Brackets
-	1 x WebAccess/IMM Installation CD Pack
-	1 x Simplified Chinese Manual
-	1 x Traditional Chinese Manual

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)

Embedded OS

Part Number	Description
2070014083	img WES7E DS-080 x64 EN/SC/TC/JP
2070014084	img WES7P DS-080 x64 EN/SC/TC/JP
2070014085	img WE8S DS-080 x64 EN/SC/TC/JP
2070014210	img Win10 IoT Ent DS-080 x64 EN/JP/TC/SC (For Retail and Thin Client)

Ordering information

Part Number	Description
DS-080GB-S8A1E	Core i5-5350U, barebone
DS-080GB-U2A1E	Core i5-5200U, barebone
DS-080GB-S9A1E	Celeron 3765U, barebone
DS-080GF-S8A1E	Core i5-5350U, barebone, 4G RAM, 500G HDD
DS-080GF-U2A1E	Core i5-5200U, barebone, 4G RAM, 500G HDD
DS-080GF-S9A1E	Celeron 3765U, barebone, 2G RAM, 500G HDD

Optional Items

Part Number	Description
AMO-WIFI06E	Realtek/wifi 802.11bgn/miniPCIe, cable, antenna
AMK-V005E	VESA mount kit
1700024774-01	M Cable D-SUB 9P(F)/D-SUB 9P(M)*2 15cm DS-080