

DS-080

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

NEW



Windows Embedded
Windows 7
Linux
Windows 8
Windows 10



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

Features

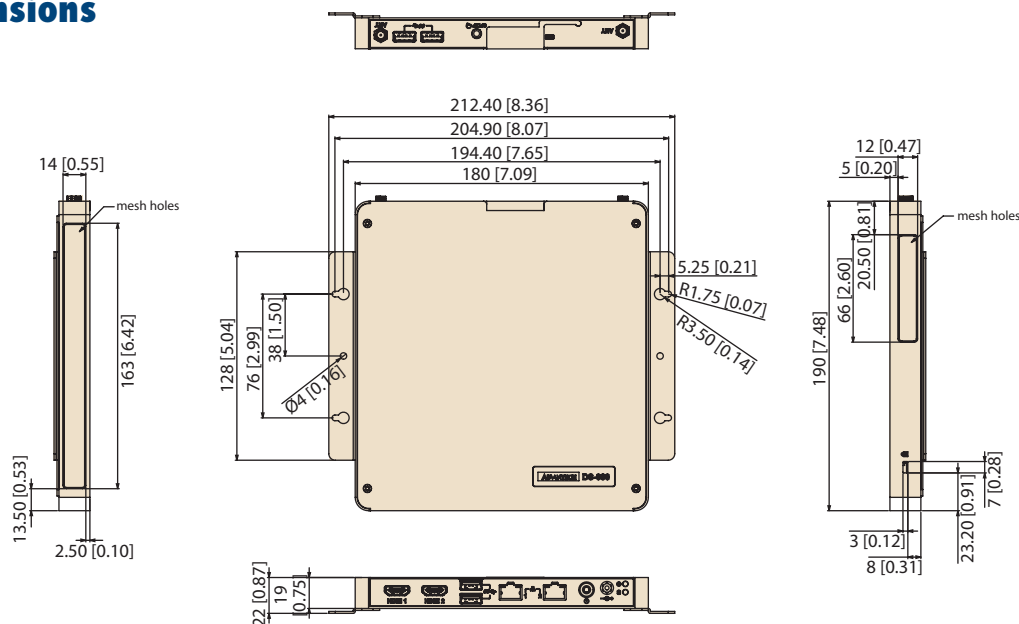
- Power by 5th Generation Intel® Core™ i5-5350U/5200U/Celeron® 3765U processors
- Adopts both embedded/non-embedded processors for different application needs
- 19mm-thin chassis ideal for space-limited installation
- Dual HDMI display output, resolution up to 3840 x 2160 UHD
- Fanless & Cable-less design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

WebAccess/IMM WISE-PaaS/RMM iManager

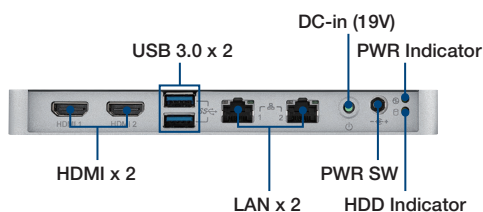
Dimensions

Unit: mm [inch]

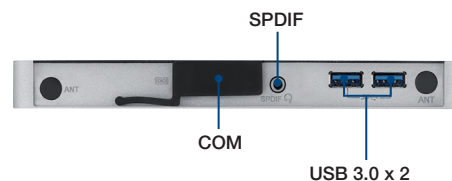


External I/O

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[DS-080GB-U2A1E](#) [DS-080GB-S8A1E](#) [DS-080GB-S9A1E](#)