

DS-080

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

Preliminary



Features

- Power by 5th Generation Intel® Core™ i5-5350U/5200U/Celeron® 3765U processors
- 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

Introduction

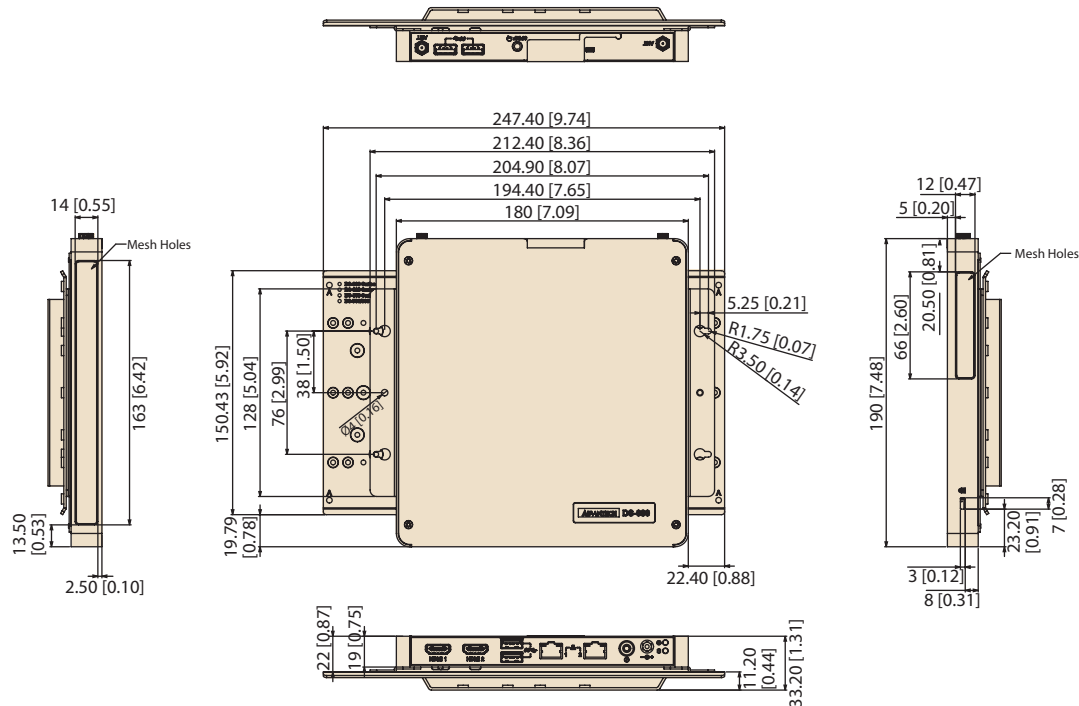
Measuring at 19 mm thick, DS-080 is the world's slimmest digital signage player powered by 5th generation Intel® Core™ i5/Celeron processors. This thin-and-powerful signage player is equipped with 2x HDMI display which is capable to achieve up to 3840 x 2160 UHD resolution, and delivers a premium visual 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
	SATA	1 x 2.5-inch SATA III HDD/SSD (7 mm height)
Storage	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 8, Windows 7
	Linux	supported by project
Certifications	EMC	CE, FCC Class B, CCC, BSMI
	Safety	UL, CB, CCC, BSMI

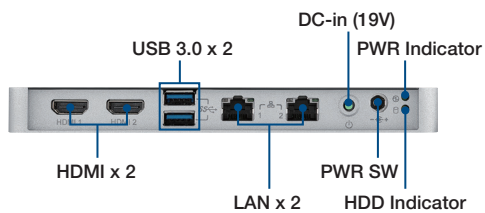
Dimensions

Unit: mm [inch]

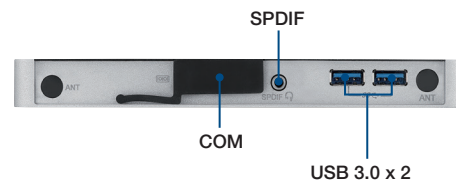


External I/O

Front



Back



Packing List

Part Number	Description
-	1 x DS-080 Unit
-	1 x 19V Power adapter
-	1 x China RoHS
-	2 x Wall Mount Brackets
-	1 X VESA Mounting Plate

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)