

DS-084

Ultra-slim 3/4 Display Digital Signage 2K/4K Player

Preliminary



Introduction

At just 23 mm thick, the DS-082 is a sleek digital signage player powered by AMD Ryzen R2000 series. It features four HDMI outputs for stunning 4K resolution, delivering top-tier visual performance. Compatible with Windows 11 and Advantech's DeviceOn/SignageCMS for efficient web-based content management.

Specifications

		DS-084GB-U2A1E	DS-084GB-U1A1E	DS-084GF-U1A1E	DS-084GF-U0A1E
Processor	Processor	AMD R2514	AMD R2314	AMD R2314	AMD R2312
	Chipset	Integrated in SOC			
	BIOS	AMI uEFI 128 Mbit			
Memory	Technology	DDR4			
	Max. Capacity	32GB (16GB per SO-DIMM)			
	Socket	2 x 260-pin SODIMM			
CPU TDP		25W	25W	15W	15W
Thermal Solution		Smart-Fan	Smart-Fan	Fanless	Fanless
Display	Graphics Engine	AMD Radeon HD graphics			
	Output	HDMI 2.1 TMDS x4	HDMI 2.1 TMDS x4	HDMI 2.1 TMDS x4	HDMI 2.1 TMDS x3
	Resolution	3840 x 2160 @ 60Hz			
Ethernet	Controller	Intel i210, Realtek RTL8111G			
	Interface	Gigabit LAN Controller			
	Connector	2 x RJ-45			
I/O Interfaces	Audio	1 (Line-out/ or Mic-in)			
	LAN	2 (RJ-45)			
	HDMI	4	4	4	3
	USB	USB 2.0 x 2, USB 3.2Gen1 x 2			
	Serial Port	1 x RS-232			
	PSW	1 x Power on/off button			
	LED Indicators	1 x Power, 1 x HDD Access			
Storage	M.2	2242 M Key (SATA or NVME)			
WiFi & BT		NA			
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	Wall Mount			
	Dimensions (W x D x H)	180 x 190 x 23 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	Win11 x64			
	Linux	supported by project			
Certifications	EMC	CE, FCC Class B, CCC, BSMI, UKCA			
	Safety	UL, CB, CCC, BSMI, UKCA (No RED certification)			

Features

- Power by AMD Ryzen R2000 processor
- Powerful graphic engine - AMD Radeon HD graphics
- 23mm-thin chassis ideal for space-limited installation
- 3/4 HDMI 2K output, resolution up to 4K(3840 x 2160)
- Cable-less design for easy maintenance
- AMD Adrenalin Edition Build in for Signage Setup
- Supports DeviceOn/SignageCMS for intuitive signage content managing, remote monitoring and control

McAfee Acronis WISE-PaaS/SignageCMS WISE-DeviceOn