



## Features

- iSMART 4.0 smart control energy-saving and Observer Connect remote monitoring & management technologies
- Supports 13th/12th Gen Intel® Core™ Processors
- Discrete AMD Radeon™ E8860 graphics processors with 2GB GDDR5 graphics memory
- 2x DDR5-5600 SO-DIMM, dual channel, Max. 64GB
- Flexible video wall display configuration
- 1x M.2 B-Key (3052) for 5G or LTE options
- 1x M.2 E-Key (2230) for Wi-Fi, Bluetooth
- 1x M.2 M-Key (2280) for storage
- 2x RS232 serial ports
- 6x HDMI 1.4 outputs with independent audio
- Slim and segregated flow ventilation design
- Supports OOB function via I210AT LAN port (optional)

## Specifications

System Mainboard	MBD636
CPU	13th/12th Gen Intel® Core™ Mobile Processors TDP ≤ 35W
CPU Socket	FCBGA1744
Chipset	SoC Integrated
Memory	DDR5-5600 SO-DIMM, dual channel
Graphics	AMD Radeon™ E8860 GPU
LAN	1x Intel® 226LM 2.5Gb with LAN Wakeup and PXE support 1x Intel® I210AT (for OOB function with COM)
Expansion Slots	1x M.2 E-Key (2230) (Wi-Fi-6E support) 1x M.2 B-Key (3052) (1x PCI-E x1; USB 2.0, USB 3.x) 1x UIM/SIM card slot 1x M.2 M-Key (2280) (for capture card) 1x M.2 M-Key (2280) NVMe (PCIe 3.0 x4 / SATA)
I/O Interface	6x HDMI 1.4b 3x USB 3.2 1x USB type-C 1x Audio connector for Line-out/Mic-in 1x Power / HDD LED 1x Power button 1x Power jack connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC
Construction	Aluminum + SGCC
Weight	2 kg (4.4 lbs)
Chassis Color	Black and white
Storage	1x M.2 (2280)
Power Supply	150W power adapter
Mounting	Standard system bracket
Dimensions	290mm(W) x 222mm(D) x 29.9mm(H) 11.41"(W) x 8.74"(D) x 1.17"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5%~90%
Vibration	1 grms / 5~500Hz / random operation
Certification	CE, FCC Class-A, cULus
Operating System	Windows 10 (64-bit), Ubuntu (Installation)

## Ordering Information

SI-636-B	Signage Player with MBD636 (w/ AMD E8860 GPU for 6x HDMI), with 13th/12th Gen Intel® Core™ i7-13800 processor, 2x DDR5-5600, 256GB SSD and 150W power adapter, with OOB function
SI-636	Signage Player with MBD636 (w/ AMD E8860 GPU for 6x HDMI), with 13th/12th Gen Intel® Core™ i7-13800 processor, 2x DDR5-5600, 256GB SSD and 150W power adapter

## Dimensions

