

SP-63ER

Extreme Performance Video Wall Signage Player

8th Gen Intel® Core™ Desktop Processor Video Wall Signage Player
with MXM Graphics and up to 16x HDMI



Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- Ideal for displaying 8K/12K video wall or menu board contents
- Supports 8th Gen Intel® Core™ Desktop Processors
- Up to 16x HDMI 1.3 (with out Audio) with built-in hardware EDID emulation
- Flexible Video Wall configuration settings
- Compact and Robust Design

Specifications

System Mainboard	MBD63E
CPU	8th Gen Intel® Core™ i7/i5/i3 Desktop Processors, up to 4.7GHz
CPU Socket	LGA1151
Chipset	Intel® Q370 PCH
Memory	2x DDR4-2666/ 2400 DIMM, Max. 64GB
Graphics	Intel® HD Graphics P630/ MXM RTX Graphics card
LAN	LAN 1: Intel® I219LM GbE LAN 2: Intel® I211AT/ I210AT GbE
Expansion Slots	1x Mini PCI-E 1x M.2 M-Key (2280) 1x M.2 E-Key (2230) 1x MXM slot (for NVIDIA Graphics card)
I/O Interface	Up to 16x HDMI 1.3 with hardware EDID emulation (with RTX A2000 MXM Graphics card) 4x USB 3.1 ports 1x USB 3.0 ports 2x RJ45 for Gigabit LAN 1x D-Sub for RS232 2x Audio connectors for Line-out/Mic-in 1x Power/HDD LED 1x Power button 1x AC power inlet
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	AC 110V ~ 240V
Construction	SGCC
Weight	9.5 kg (20.9 lbs)
Chassis Color	Black & white
Storage	2x SATA III 2.5" HDD Dock (supports RAID 1)
Power Supply	AC 110V~240V
Mounting	Standard system bracket
Dimensions	395mm(W) x 438mm(D) x 88mm(H) 15.5"(W) x 17.2"(D) x 3.46"(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% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC Class-B, cULus
Operating System	Windows 10 IoT Enterprise(64-bit)

Ordering Information

SP-63ER-16

Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz),
1x MXM NV RTX A2000 8G GDDR5X 256-bits GPU card, 16x
HDMI output, 2x 8GB DDR4-2666/2400 SO-DIMM, 2x 128GB
SATA III 2.5" HDD Dock, 850W PSU

Dimensions

