

SP-63E

Extreme Performance Video Wall Player

8th Gen Intel® Core™ Desktop Processor Video Wall Player with Intel® FPGA Arria® 10 FPGA and up to 24 HDMI



SP-63E VIDEO



Specifications

System Mainboard	MBD63E + IDD107
CPU	8th Gen Intel® Core™ i7/i5/i3 processors, up to 4.7GHz
CPU Socket	LGA1151
Chipset	Intel® Q370 PCH
Memory	2x DDR4-2666/ 2400 DIMM, Max. 32GB
Graphics	Intel® HD Graphics P630
LAN	LAN 1: Intel® I219LM GbE PHY LAN 2: Intel® I210AT GbE
Expansion Slots	1x Mini PCI-E 1x M.2 (M-key, type:2280) 1x M.2 (E-key, type:2230) 1x MXM slot (for NVIDIA or AMD GPU module)
I/O Interface	12x HDMI 1.3 with hardware EDID emulation (w/o MXM graphic card) 4x USB 3.1 ports 1x USB 3.0 ports 2x RJ45 for Gigabit LAN 1x D-Sub for RS232 3x Microjack audio connectors for Line-in / Line-out/Mic Power LED for power on/off & HDD 1x Power button 1x AC power inlet
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Construction	SGCC
Weight	9.5Kg (20.9lbs)
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, & CCC
Operating System	Windows 10 IoT Enterprise 64-bit

Features

- Perfect for displaying 8K/12K video wall or menu board contents
- Supports 8th Generation Intel® Core™ desktop processors
- Built-in Intel® Arria® 10 FPGA modules
- 12x HDMI 1.3 (w/o audio) with built-in hardware EDID emulation function (w/o MXM graphic card)
- 1x MXM slot supports MXM GTX1080 16x HDMI 1.3 or MXM E9550 24x HDMI 1.3
- Rugged design with Intel® vPro™ and MARS technologies
- iSMART intelligent energy-saving & Observer remote monitoring technologies
- iCONTROL intelligent control technology
- Last frame capture and display monitoring functions

Ordering Information

SP-63E-8	Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 8x HDMI output, 2x 8GB DDR4-2666/2400 SO-DIMM memory 2x 128GB SATA III 2.5" HDD Dock, 850W PSU
SP-63E	Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 12x HDMI output, 2x 8GB DDR4-2666/2400 SO-DIMM memory 2x 128GB SATA III 2.5" HDD Dock, 850W PSU
SP-63E-16	Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 1x MXM NV GTX 1080 8G GDDR5X 256-bits GPU card, 16x HDMI output, 2x 8GB DDR4-2666/2400 SO-DIMM memory, 2x 128GB SATA III 2.5" HDD Dock, 850W PSU
SP-63E-24	Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 1x MXM AMD Radeon™ E9550 8G GDDR5X 256-bits GPU card, 24x HDMI output, 2x 8GB DDR4-2666/2400 SO-DIMM memory, 2x 128GB SATA III 2.5" HDD Dock, 850W PSU
IDD107	Intel® Altera Arria10 GX027, 4x HDMI output

Dimensions

