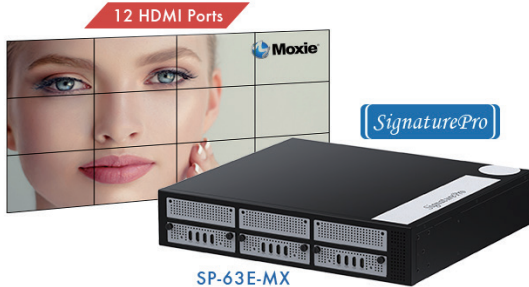


SP-63E-MX

Extreme Performance Video Wall Player IBASE Video Wall Signage Platform



Video Wall Signage Platform



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 |

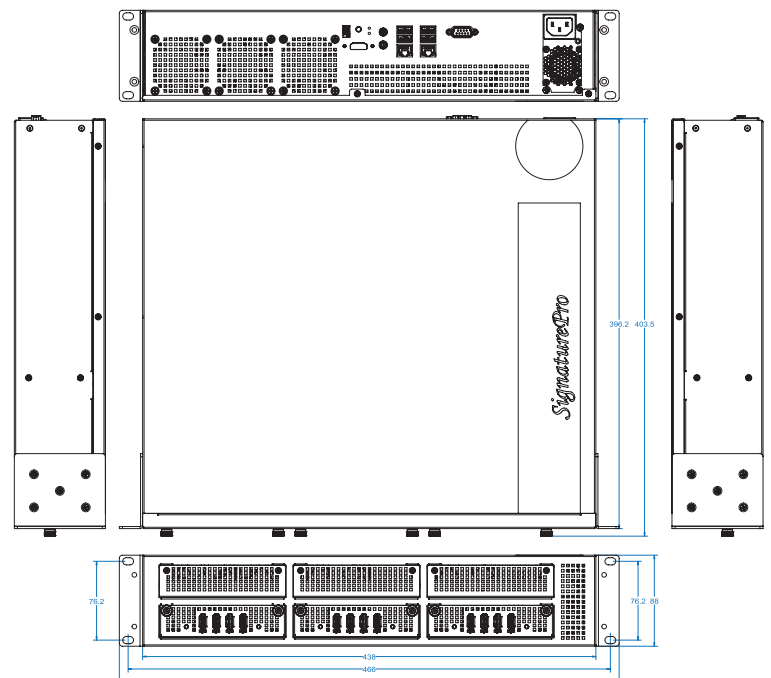
Features

- 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
- Intel HD Graphics P630: 12x HDMI (Max.) display outputs
- With MXM GTX 1080: 16x HDMI (Max.) display outputs
- With MXM E9550: 24x HDMI (Max.) display outputs
- Omnivex Moxie® content management software
- Rugged design with Intel® vPro™ and MARS technologies
- iSMART intelligent energy-saving & Observer remote monitoring technologies
- Built-in hardware EDID emulation function
- Last frame capture and display monitoring functions

Ordering Information

| | |
|--------------|--|
| SP-63E-MX | Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 12x HDMI output, 2x 16GB DDR4-2666/2400 SO-DIMM memory, 2x 128GB SATA III 2.5" HDD Dock, 850W PSU, Omnivex Moxie® CMS (Moxie Commercial Back Office Server + Moxie Player license + first year Annual Maintenance Service) |
| SP-63E-16-MX | 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 16GB DDR4-2666/2400 SO-DIMM memory, 2x 128GB SATA III 2.5" HDD Dock, 850W PSU, Omnivex Moxie® CMS (Moxie Commercial Back Office Server + Moxie Player license + first year Annual Maintenance Service) |
| SP-63E-24-MX | Intel® Core™ i7-8700 Processor (12M cache, up to 3.2GHz), 1x AMD Radeon™ E9550MXM 8G GDDR5X 256-bits GPU card, 24 x HDMI output, 2x 16GB DDR4-2666/2400 SO-DIMM memory, 2x 128GB SATA III 2.5" HDD Dock, 850W PSU, Omnivex Moxie® CMS (Moxie Commercial Back Office Server + Moxie Player license + first year Annual Maintenance Service) |

Dimensions



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.