

# SI-624

## Extreme Performance Video Wall Signage Player

13th/12th Gen Intel® Core™ Processor Video Wall Signage Player with NVIDIA MXM Graphics and 4x DP



### Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- 13th/12th Gen Intel® Core™ i7/i5/i3 Pentium® / Celeron® QC/DCprocessors
- 4x DDR4-3200 U-DIMM, Max. 128GB
- 1x HDMI 1.4 for console, 4x DisplayPort
- 1x M.2 E-Key (2230) for Wi-Fi, Bluetooth or capture card options
- 1x M.2 B-Key (3052), for 5G modules
- 2x M.2 NVMe SSD bays
- Supports OOB function via I210 LAN port (option)
- Supports TPM 2.0
- Compact and rugged industrial design

### Specifications

System Mainboard	MBD624
CPU	13th/12th Gen Intel® Core™ processors
CPU Socket	LGA1700
Chipset	Q670E/ R680E PCH
Memory	4x DDR4-3200 U-DIMM, Max. 128GB
Graphics	NVIDIA Ampere Architecture MXM GPU card/ up to 5888 CUDA cores/ 17.66 TFLOPS peak FP32 performance/ 184 Tensor Cores
LAN	2x Gigabit LAN
Expansion Slots	1x M.2 E-Key (2230) 1x M.2 B-Key (3052) 2x M.2 M-Key (2280/ supports NVMe) 1x UIM/SIM card slot 1x MXM 3.1 Type-B
I/O Interface	1x HDMI 1.4 for console 4x DisplayPort 2x USB 3.1 2x USB 3.2 2x RJ45 for Gigabit LAN COM1 & COM2: RS-232/422/485 (jumperless selection) 1x Audio connector for Line-in/out/MIC 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	+19V DC
Construction	SGCC
Weight	3.8 kg (8.38 lbs)
Chassis Color	Black and white
Storage	2x M.2 NVMe SSD drive bay
Power Supply	330W power adapter
Mounting	Standard system bracket
Dimensions	329.2mm(W) x 210mm(D) x 73.1mm(H) 129.6"(W) x 82.6"(D) x 28.7"(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% @45oC (non-condensing)

Vibration	SSD: 5 grms / 5~500Hz / random operation
Certification	CE/FCC class-B, UL, LVD & CCC
Operating System	Windows 10 / Linux

### Ordering Information

SI-624	Signage Player with MBD624 with 13th Gen Intel® i7-13700 (2.1~4.1GHz) processor, 1x Nvidia MXM A2000 GPU card, 1x M.2 128GB, 2x 8GB DDR4-3200 U-DIMM and 330W power adapter
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### Dimensions

