



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	3.8kg (8.38lbs)
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)

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 options
- 2x M.2 NVMe SSD drive bay
- Supports OOB function via I210 LAN port (option)
- Supports TPM 2.0
- Compact and rugged design

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
SI-624 A4500	Signage Player with MBD624 w/ 13th Gen Intel® i7-13700 (2.1~4.1GHz) processor, 1x Nvidia MXM A4500 GPU card, 1 x M.2 128GB, 2x 8GB DDR4-3200 U-DIMM and 330W power adaptor

Dimensions

