

# SI-654-N

## Mid-Range Signage Player

11th Gen Intel® Core™ U-Series Processor Fanless Signage Player with Intel® Gen12 Integrated Graphics and Four HDMI 2.0



## Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- 11th Gen Intel® Core™ U-series processor
- 4x HDMI 2.0 with independent audio output support
- Built-in CEC and hardware EDID emulation functions with the software setting mode
- 2x DDR4-3200 SO-DIMM, dual channel, Max. 64GB
- 1x M.2 B-Key (3042) for 4G/LTE
- 1x M.2 E-key (2230) for WiFi, Bluetooth or capture card options
- 1x M.2 M-Key (2280) for storage
- Supports Intel® iAMT(11.0), TPM 2.0 and watchdog timer
- Industrial-grade robust Fanless design

## Specifications

System Mainboard	MBD654
CPU	11th Gen Intel® Core™ / Celeron® U-series (TGL-U Platform) processor TDP <= 15W
CPU Socket	BGA-1449
Chipset	Integrated
Memory	2x DDR4-3200 SO-DIMM, Max. 64GB
Graphics	11th Gen Intel® Core™ U-series Gen12 integrated graphics, Up to 96EU
LAN	1st LAN SI-654-N7 or SI-654-N5 : Intel® I219LM SI-654-N3 : Intel® I219V 2nd LAN Intel® I211AT
Expansion Slots	1x M.2 2280 M-key supports NVMe (PCI-E x4 / SATA) 1x M.2 2230 E-key supports CNVi (PCI-E x1 / USB 2.0) 1x M.2 3042 B-key (PCI-E x2, USB 2.0 and 3.0) 1x UIM/SIM card slot
I/O Interface	4x HDMI 2.0 1x USB 2.0 (USB A-Type) 3x USB 3.1 @gen 2 (USB A-Type) 2x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Audio connector for Line out 1x Power button 1x Power jack (+12V DC) 2x LED for power & storage
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC
Construction	Aluminum + SGCC
Weight	1.7 kgs (3.7 lbs)
Chassis Color	Black & White
Storage	1x M.2 2280 M-key supports NVMe (PCI-E x4 / SATA)
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	200.8mm(W) x 139.3mm(D) x 41.2mm(H) 7.90"(W) x 5.48"(D) x 1.62"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20° ~ 80°C (-4°F ~ 176°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	M.2: 5 grms / 5~500Hz / random operation
Certification	CE, FCC Class B, cULus & CCC

Operating System	Windows 10 IoT Enterprise RS5 64-bit Linux Ubuntu 64-bit
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## Ordering Information

SI-654-N7	Intel® Core™ I7-1185G7E Processor (12M Cache, up to 4.40 GHz), 2x 4GB DDR4 3200 SO-DIMM memory, M.2 128GB and 84W power adaptor, TDP <= 15W
SI-654-N5	Intel® Core™ I5-1145G7E Processor (12M Cache, up to 4.40 GHz), 2x 4GB DDR4 3200 SO-DIMM memory, M.2 128GB and 84W power adaptor, TDP <= 15W
SI-654-N3	Intel® Core™ I3-1115G4E Processor (12M Cache, up to 4.40 GHz), 2x 4GB DDR4 3200 SO-DIMM memory, M.2 128GB and 84W power adaptor, TDP <= 15W
SI-MK3	VESA bracket

## Dimensions

