



Features

- iSMART intelligent energy-saving technology - enables power on/off scheduling and power resume functions
- Intel® Core™ Ultra Processors Series 1 (Meteor Lake)
- 3x HDMI 2.0b, 1x HDMI 2.1 with independent audio output
- Built-in hardware EDID emulation with software control
- HDMI-CEC and display monitoring functions
- 2x DDR5-5600 SO-DIMM, dual channel, Max. 96GB
- 1x M.2 B-key (3052) for 5G or LTE modules
- 1x M.2 E-key (2230) for WiFi, Bluetooth
- TPM 2.0 and watchdog timer
- Optional Intel® vPro® platform support
- Supports OOB function via I210IT LAN port (optional)
- Supports PDPC (Peripheral Device Power Control) function

Specifications

System Mainboard	MBD664
CPU	Intel® Core™ Ultra 7/5 Processors
CPU Socket	FCBGA2049
Chipset	Integrated
Memory	2x SO-DIMM DDR5 5600 MHz, Max. 96GB
Graphics	Intel® Arc™ graphics
LAN	1x 2.5 Gb LAN 1x 1.0 Gb LAN with OOB/In-band optional function support
Expansion Slots	1x M.2 M-key (2280) for storage 1x M.2 E-key (2230) for WiFi, Bluetooth 1x M.2 B-key (3052) for 5G/LTE 1x SIM card slot
I/O Interface	1x HDMI 2.1 + 3x HDMI 2.0b 4x USB 3.1 (with 1x PDPC function included) 2x RJ45 for Gigabit LAN 1x DB9 for RS-232 serial port 1x 2-PIN Header for SYS on/off control cable 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	2kg (4.4lbs)
Chassis Color	Black & White
Storage	1x M.2 M-Key (2280)
Power Supply	150W power adaptor
Mounting	Standard system bracket
Dimensions	220mm(W) x 137mm(D) x 46.5mm(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	1Grms/3~500Hz/ Random operation
Certification	CE, FCC Class B, cULus
Operating System	Win11 IoT Enterprise LTSC, Linux Ubuntu 64-bit

Ordering Information

SI-664-65HTB	Intel® Core™ Ultra 7 165H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor with TPM and OOB function
SI-664-65HT	Intel® Core™ Ultra 7 165H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor with TPM function
SI-664-65H	Intel® Core™ Ultra 7 165H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor
SI-664-25HTB	Intel® Core™ Ultra 5 125H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor with TPM and OOB function
SI-664-25HT	Intel® Core™ Ultra 5 125H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor with TPM function
SI-664-25H	Intel® Core™ Ultra 5 125H Processor, 2x 8GB DDR5 SO-DIMM, M.2 2280 256GB storage and 150W power adaptor

Dimensions

