

MS-9A66

MS-9A66



Features

The MS-9A66 is a high performing fanless box PC which supports 4th Gen Intel Core processors. With an option of either 1x PCIe x16 and 3x PCI slots OR 2x PCIe x8 and 2x PCI slots, this fanless embedded system is perfect for rugged, scalable, and versatile requirements.

The MS-9A66 is a high performing box PC which supports 4th Gen Intel Core processors. With an option of either 1x PCIe x16 and 3x PCI slots OR 2x PCIe x8 and 2x PCI slots, this fanless embedded system is perfect for rugged, scalable, and versatile requirements.

Features

- 4th Gen Intel® Core i7/i5/i3/Pentium®/Celeron® processor
- Fanless design to support Intel® 4th Gen CPU (up to 35W)
- 3 independent display supported
- Wide range 9~36V DC power input
- Supports AT power mode
- Optional system fan module
- Supports 4 expansion slots: 1x PCIe x16; 3x PCI OR 2x PCIe x8; 2x PCI
- GPIO supports 5~24V for automation
- Removable cover for easy maintenance
- Supports DAQ, video capture and VGA card for PCI express slot
- Dimensions: 175mm x 225mm x 218mm

ADEK computers are custom manufactured to meet your specific requirements. All images represent typical configurations. Please contact us with your requirements and we will respond with a quote within 24 hours.

Technical Specifications

Chipset Intel Q87 Express or Intel C226 Channel Supported Dual Channel CPU Type Core i7 / i5 / i3 / Pentium / Celeron Number of Memory Slots 2x204pin Memory Standard 1600 / 1333 DDR3 (non-ECC) Maximum Memory Supported 16GB PCIe 3.0 x16 1 (Q87 chipset) PCIe 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	U Socket Type	LGA 1150
Channel Supported CPU Type Core i7 / i5 / i3 / Pentium / Celeron Number of Memory Slots 2x204pin Memory Standard 1600 / 1333 DDR3 (non-ECC) Maximum Memory Supported 16GB PCIe 3.0 x16 1 (Q87 chipset) PCIe 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM 1x Infineon SLB9635TT1.2	* -	
CPU Type	-	
Number of Memory Standard 2x204pin Memory Standard 1600 / 1333 DDR3 (non-ECC) Maximum Memory Supported 16GB PCIe 3.0 x16 1 (Q87 chipset) PCIe 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2		Core i7 / i5 / i3 / Pentium / Celeron
Memory Standard 1600 / 1333 DDR3 (non-ECC) Maximum Memory Supported 16GB PCIe 3.0 x16 1 (Q87 chipset) PCIe 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	• -	
Maximum Memory Supported 16GB PCIe 3.0 x16 1 (Q87 chipset) PCI 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) 2 SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	•	-
PCIe 3.0 x8 2 (C226 chipset) PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2		16GB
PCI 2 (C226 chipset) SATA 3.0 2 CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	le 3.0 x16	1 (Q87 chipset)
SATA 3.0 CFast Intel HD Graphics (C226 chipset) DVI-I DisplayPort 2 Display Mode Audio Controller Ethernet Controller PS/2 USB 3.0 USB 2.0 Serial Serial Serial Serial Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TYM Wide Pange pluggable connectors with latch (CN)	le 3.0 x8	2 (C226 chipset)
CFast 1 Graphic Controller Intel HD Graphics (C226 chipset) DVI-I 1 DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2		2 (C226 chipset)
Graphic Controller DVI-I DisplayPort Display Mode Audio Controller Ethernet Controller Tx Intel I210-AT GbE LAN PS/2 USB 3.0 USB 2.0 Serial Serial Serial Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM Intel HD Graphics (C226 chipset) 1 Lamber 1 Lamber 2 Lamber 2 Lamber 2 Lamber 3 Lamber 2 Lamber 3 Lamber 3 Lamber 3 Lamber 3 Lamber 3 Lamber 4 Lamber 3 Lamber 4 Lamber 4 Lamber 4 Lamber 4 Lamber 5 Lamber 6 Lamber 7 Lam	ГА 3.0	2
DVI-I DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM 1x Infineon SLB9635TT1.2	ast	1
DisplayPort 2 Display Mode 3x independent Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	aphic Controller	Intel HD Graphics (C226 chipset)
Display Mode Audio Controller Realtek ALC887 HD Audio Codec Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM 1x Infineon SLB9635TT1.2	I-I	1
Audio Controller Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 USB 2.0 Serial Serial Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM 1x Infineon SLB9635TT1.2 DC In 9.36V Wide Pange pluggable connectors with latch (CN)	playPort	2
Ethernet Controller 1x Intel I210-AT GbE LAN PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	play Mode	3x independent
PS/2 1x Keyboard/Mouse USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	dio Controller	Realtek ALC887 HD Audio Codec
USB 3.0 4 USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	iernet Controller	1x Intel I210-AT GbE LAN
USB 2.0 3 Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	'2	1x Keyboard/Mouse
Serial 5x COM Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2	В 3.0	4
Serial Types COM1 (RS-232/422/485 0V/5V/12V) Watchdog Timer 256-level TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	B 2.0	3
Watchdog Timer 256-level 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Panga pluggable connectors with latch (CN)	rial	5x COM
TPM 1x Infineon SLB9635TT1.2 DC In 0.36V Wide Pange pluggable connectors with latch (CN)	rial Types	COM1 (RS-232/422/485 0V/5V/12V)
DC In 0.36V Wide Pange pluggable connectors with latch (CN)	tchdog Timer	256-level
DC_In 0.36V Wide Pange pluggable connectors with latch (CN)	M	1x Infineon SLB9635TT1.2
Power Supply V-, V+)	wer Supply	DC-In 9-36V Wide-Range pluggable connectors with latch (GND, V-, V+) $$
Operating Temperature -10-50 C	erating Temperature	-10-50 C
Operating Humidity 10-90% non-condensing	erating Humidity	10-90% non-condensing
Storage Temperature -20-80 C	rage Temperature	-20-80 C
Storage Humidity 10-90% non-condensing	rage Humidity	10-90% non-condensing
Regulatory Compliance FCC, CE, C-Tick, VCCI, BSMI, TUV	gulatory Compliance	FCC, CE, C-Tick, VCCI, BSMI, TUV