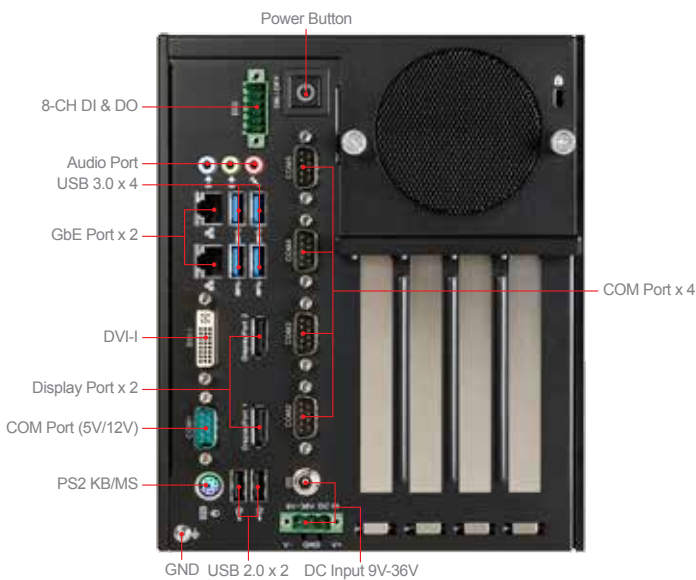


MS-9A66

Outperform Fanless Box PC with 4th Gen Intel® Core™ i Processor for Rugged, Scalable & Versatile Solution

KingBOX



NEW

Specifications

System Processor	CPU	4th Gen Intel® Haswell Core™ i5-4570TE, DC, 35W	4th Gen Intel® Haswell Celeron® G1820TE, DC, 35W
	Frequency	4th 2.7 GHz, up to 3.3GHz	2.2 GHz
	L2 Cache	4MB	2MB
	CPU Type	Socket (LGA1150)	
	Chipset	Intel® Q87 Express	
Memory	BIOS	AMI	
	Technology	Dual-channel DDR3 1600/1333MHz	
	Max. Capacity	Up to 16 GB	
Graphic	Socket	2 x 204-pin SO-DIMMs	
	Controller	Intel® HD Graphics 4600	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM	
Ethernet	Multiple Display	3 Independent Displays	
	Display Interface	DP up to 3840 x 2160 DVI-I up to 1920 x 1200	
Audio	Controller	1 x Intel® I217GbE-PHY LAN 1 x Intel® I210-AT	
	Controller	Realtek® ALC887 HD Audio Codec	
H/W Monitor	Watchdog Timer	256-level Watchdog Timer	
	Smart Fan	N/A	
Expansion Slot	TPM	Controller Infineon SLB9635TT1.2	
	PCIe x16	1 for Q87 SKU	
		2 for C226 SKU	
Storage	PCI	3 for Q87 SKU 2 for C226 SKU	
	Mini-PCIe	N/A	
	SATA	2 x 2.5" HDD/SSD	
I/O Interface	CFast	1	
	RJ-45	2	
	Audio	1 x Mic-in 1 x Line-out 1 x Line-in	
Power Supply	USB	4 x USB 3.0 3 x USB 2.0 (one port w/ security key)	
	Serial	5 x COM ports COM1: RS232/422/485, 0V/5V/12V COM2: RS232/422/485, 0V COM3~5: RS-232, 0V	
	Parallel	N/A	
	PS/2	1	
	DVI	1 (DVI-I)	
	DisplayPort	2	
	DC Input	DC-In 9-36V Wide-Range pluggable connectors with latch (GND, V-, V+)	
AC Input	N/A		
Environment	Operating Temperature	-10 ~ 50°C w/ industrial DC power	
	Operating Humidity	10 ~ 90%, non-condensing	
	Storage Temperature	-20 ~ 80°C	
	Storage Humidity	10 ~ 90%, non-condensing	
Physical characteristics	Vibration	Operating, 0.25 Grms, 5-300Hz, 3axes (w/ HDD)	
	Shock	Operating, 3 G, half sine 11 ms duration (w/ HDD)	
	Dimensions	175mm x 225mm x 218mm	
Certification	Weight	4.86 kg	
	Mounting	Wall mount	
Software Platform	EMC	FCC, CE, C-Tick, VCCI, BSMI	
	Safety	TUV	
OS Support	OS Support	Windows XP (32/64-bit) Windows 7 (32/64-bit) Windows 8.1 (64-bit) Windows 10 (64-bit)	

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: 1*PCIe x16; 3*PCI for Q87, 2*PCIe x8; 2*PCI for C226
- GPIO supports 5~24V for automation
- Removable cover for easy maintenance (HDD, memory, CFast, expansion slots)
- Supports DAQ, video capture and VGA card for PCI express slot

Ordering Information

Part Number	Description
9S9-9A66-001	Core-i5 4570TE, Q87, 500G 2.5inchHDD, 4G memory
9S9-9A66-002	Core-i5 4570TE, C226, 500G 2.5inch HDD, 4G memory
939-9A66-001	Core-i5 4570TE, Q87, Without HDD & memory
939-9A66-002	Celeron G1820TE, Q87, Without HDD & memory
939-9A66-003	Core-i5 4570TE, Q87, Without HDD & memory & msi logo
939-9A66-004	Core-i5 4570TE, C226, Without HDD & memory & msi logo

Packing List

Part Number	Description
Please check MSI IPC website at http://ipc.msi.com for details.	

HMI Panel PC
Embedded System Board
Semi-rugged Terminal System
POS System Board
COM Express Board
Oseven Board
Pico-ITX Board
3.5" Board
EPIC Board
PICMG 1.0 Board
Mini-ITX Board
Micro-ATX Board
ATX Board