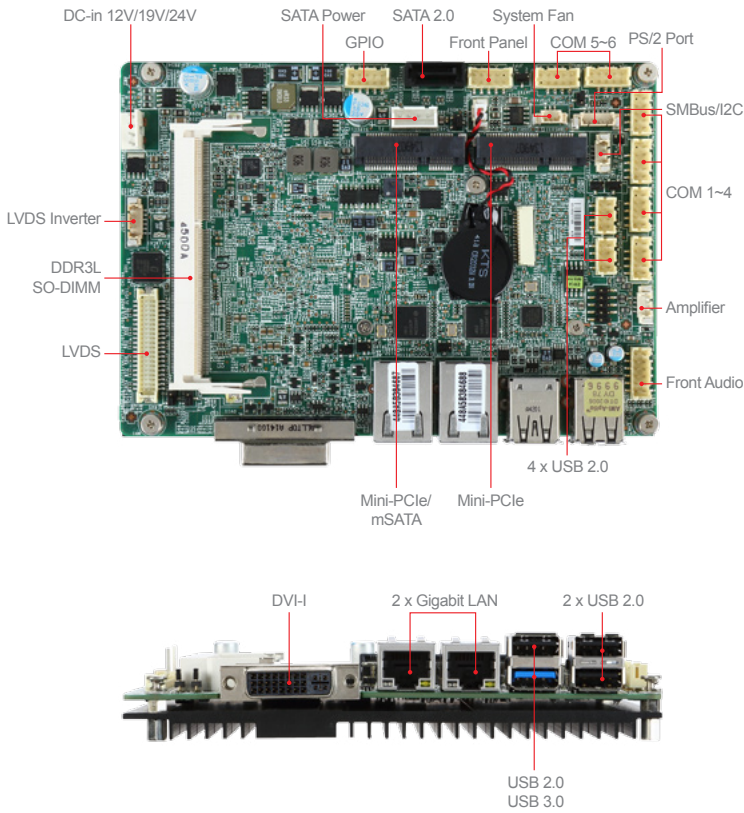


MS-98G6

3.5" SBC with Intel® Bay Trail-D/M Series Platform for High-Performance, Low-Power & Fanless Solution



Features

- Intel® Bay Trail-D/M Series Processors
- Supports DDR3L 1333 MHz SO-DIMM memory up to 8GB
- DVI-I and LVDS displays
- Dual GbE LAN, USB 3.0, and 6 COM
- Supports dual Mini-PCIe, SATA and mSATA

Ordering Information

Part Number	Description
919-98G6-001	MS-98G6 10 Intel Bay Trail D-J1900, DDR3L SO DIMM+DVI-I+LVDS+2*Mini-PCIe+2*LAN+ 1*SA-TA2.0+1*USB3.0+7*USB 2.0+6*COM, DC 12V/19V/24V
919-98G6-002	MS-98G6 10 OPT: A Intel Bay Trail M-N2930,DDR3L SO DIMM+DVI-I+LVDS+2*Mini-PCIe+2*LAN+ 1*SA-TA2.0+1*USB3.0+7*USB 2.0+6*COM, DC 12V/19V/24V

Packing List

Part Number	Description	Quantity
G71-SEDC164-N56	Driver DVD	1
K10-3002145-V03	DC Power Cable, 120mm	1
K14-1009062-V03	COM Port Cable, 250mm	1
K1B-3008034-V03	USB Cable, 150mm	1
K1D-1012064-V03	SATA Cable with Power, 200mm	1

Specifications

Processor	CPU	Intel® Celeron® Processor J1900, QC, 10W Intel® Celeron® Processor N2930, QC, 7.5W
	Frequency	J1900, 2 GHz N2930, 1.83 GHz
	L2 Cache	2MB
	CPU Type	BGA
	Chipset	N/A
Memory	BIOS	AMI
	Technology	Single-channel DDR3L 1333 MHz
	Max. Capacity	Up to 8 GB
Display	Socket	1 x 204-pin SO-DIMM
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	LVDS	Dual channel 18/24-bit
	DVI	1 (DVI-I)
Ethernet	DVI	1 (DVI-I)
	Multiple Display	2 independent displays
Audio	Display Interface	LVDS up to 1920 x 1200 DVI-I up to 1920 x 1200
	Controller	2 x Intel® I210-AT GbE LAN
Super I/O	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
	Watchdog Timer	Fintek F81866AD-I
H/W Monitor	Smart Fan	256-level Watchdog Timer
	TPM	Yes
I/O Interface	Controller	N/A
	USB	7 x USB 2.0 (4 x internal; 3 x rear) 1 x USB 3.0 (1 x rear)
	Serial	6 x COM (internal) COM1: RS-232/422/485, 0V/5V/12V COM2-6: RS-232, 0V/5V/12V
	Parallel	N/A
	PS/2	1 (wafer connector)
	GPIO	8-bits (4 x GPI; 4 x GPO), 5V
Expansion Slot	M.2	N/A
	Mini-PCIe	2 x Full-size (one w/ mSATA)
Storage	SATA	1 x SATA 2.0
	mSATA	1
Power Supply	DC	DC-in 12V/19V/24V
	ATX	N/A
Environment	Operating Temperature	-10 ~ 60°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
Form Factor	Dimensions	146mm x 102mm (3.5")
	Weight	0.31 kg
Certification	EMC	FCC, CE, RCM, VCCI, BSMI
Software Platform	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (32/64 Bit) Fedora 20 Ubuntu 13.10

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