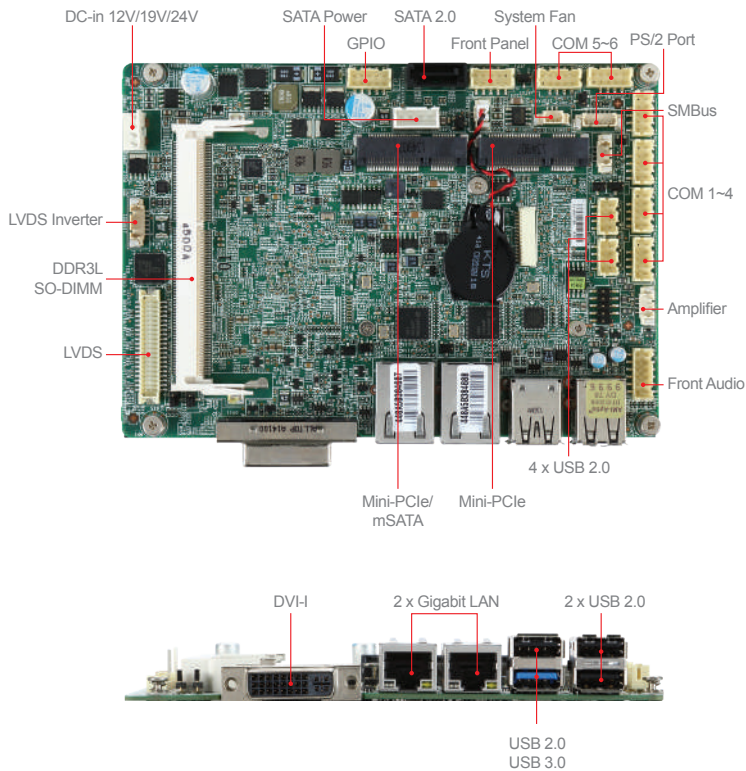


# MS-98G6

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 8 GB
- 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*SATA2.0+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*SATA2.0+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

<b>Processor</b>	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
<b>Memory</b>	BIOS	AMI
	Technology	Single-channel DDR3L 1333 MHz
	Max. Capacity	Up to 8GB
<b>Display</b>	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)
<b>Ethernet</b>	Multiple Display	2 independent displays
	Display Interface	LVDS up to 1920 x 1200 @60Hz DVI-I up to 1920 x 1200 @60Hz
<b>Ethernet</b>	Controller	2 x Intel® I210-AT GbE LAN
<b>Audio</b>	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
<b>Super I/O</b>	Controller	Fintek F81866AD-I
<b>H/W Monitor</b>	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
<b>TPM</b>	Controller	N/A
<b>I/O Interface</b>	USB	7 x USB 2.0 (4 x internal; 3 x rear) 1 x USB 3.0 (1 x rear)
	Serial	6 x COM ports (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
<b>Expansion Slot</b>	M.2	N/A
	Mini-PCIe	2 x Full-size (one w/ mSATA)
<b>Storage</b>	SATA	1 x SATA 2.0
	mSATA	1
<b>Power Supply</b>	DC	DC-in 12V/19V/24V
	ATX	N/A
<b>Environment</b>	Operating Temperature	-10 ~ 60°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
<b>Form Factor</b>	Dimensions	146 x 102mm (3.5")
	Weight	0.31 kg
<b>Certification</b>	EMC	FCC, CE, RCM, VCCI, BSMI
<b>Software Platform</b>	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (32/64-bit) Linux Fedora 20 (by request) Linux Ubuntu 13.10 (by request)

Semi-rugged Terminal  
POS System  
HMI Panel PC  
Embedded System  
Embedded 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  
Mini-PCIe Module