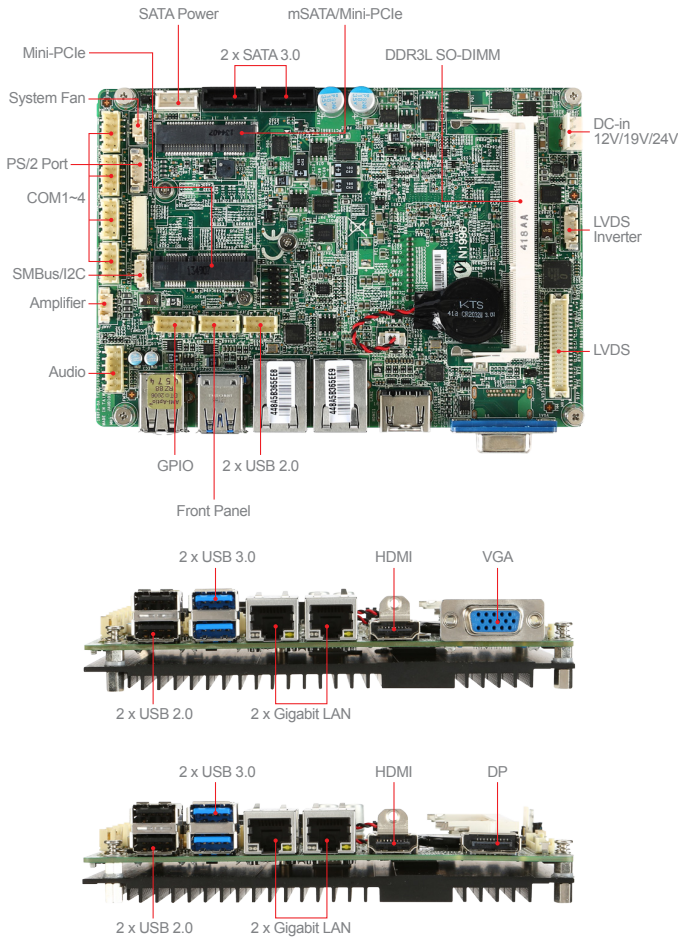


MS-98F3

Intel® HSW/BDW ULT Series Platform in 3.5" SBC with Fanless Design for Low Power and High Performance Solution

NEW



Features

- Intel® HSW/BDW ULT Series Processors
- Support DDR3L 1600 MHz SO-DIMM memory up to 8GB
- HDMI and VGA/DP and LVDS display interfaces
- Dual GbE LAN, USB 3.0, and 4 COM
- Dual Mini-PCle, SATA, and mSATA

Ordering Information

Part Number	Description
Coming soon	

Packing List

Part Number	Description	Quantity
Coming soon		

Specifications

Processor	CPU	Intel® HSW/BDW ULT Series Processors
	Frequency	N/A
	L2 Cache	N/A
	CPU Type	BGA
	Chipset	N/A
Memory	BIOS	AMI
	Technology	Single-channel for DDR3L 1600 MHz
	Max. Capacity	Up to 8GB
Display	Socket	1 x 204-pin SO-DIMM
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	LVDS	1 x dual channel 18/24-bit
	eDP	N/A
	VGA	1 (optional)
	DVI	N/A
	HDMI	1
	DisplayPort	1 (optional)
	Multiple Display	2 independent displays
Display Interface	VGA up to 2560 x 1600	
	HDMI up to 1920 x 1080 LVDS up to 1920 x 1200 DP up to 3200 x 2000	
Ethernet	Controller	1 x Intel® I210-AT GbE LAN 1 x Intel® I218-LM GbE LAN PHY
	Audio	Controller
Super I/O	Controller	Fintek F81866AD-I
H/W Monitor	Watchdog Timer	255-level Watchdog Timer
	Smart Fan	N/A
TPM	Controller	N/A
I/O Interface	USB	4 x USB 2.0 (2 x internal; 2 x rear) 2 x USB 3.0 (2 x rear with USB 2.0 signal)
	Serial	4 x COM (internal) COM1: RS-232/422/485, 0V/5V/12V COM2~4: RS-232, 0V/5V/12V
	Parallel	N/A
	PS/2	1 (pin header)
	GPIO	8-bits (4 x GPI; 4 x GPO), 5V
Expansion Slot	PCIe x16	N/A
	PCIe x4	N/A
	PCIe x1	N/A
	PCI	N/A
	Mini-PCle	1 x Full-size (w/ mSATA) 1 x Half-size
	Storage	SATA
IDE		N/A
eSATA		N/A
CFast		N/A
mSATA		1
CompactFlash		N/A
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, C-Tick, VCCI, BSMI