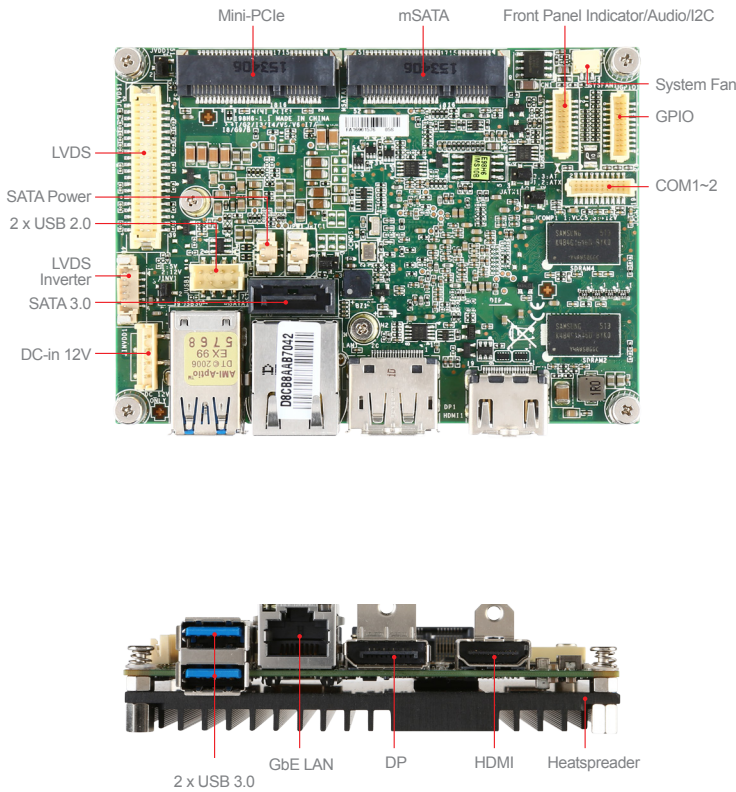


MS-98H6

Pico-ITX SBC with Intel® Braswell N3000 Series SoC for Low Power Fanless Solution

NEW



Features

- Intel® Braswell N3000 Series SoC
- Onboard 2GB DDR3L memory
- 3 or 2 independent displays with HDMI, DP, and LVDS outputs
- 1 SATA 3.0, 1 mSATA (Full-size), 2 USB 3.0 & 4 USB 2.0 ports, 1 Mini-PCIe (Half-size), 1 Intel® GbE LAN
- 16-bit GPIO (8*GPI; 8*GPO), I2C
- 2 COM ports

Ordering Information

Part Number	Description
919-98H6-001	Intel Braswell N3700 SoC, Onboard 2GB DDR3L, HDMI, DP, GbE LAN, 2*USB3.0, 2*COM, Mini-PCIe, mSATA, I2C, DC-IN 12V, SATA CABLE WITH POWER, USB CABLE, COM PORT CALBE, DC-IN CABLE, CD, SINGLE
919-98H6-002	Intel Braswell N3150 SoC, Onboard 2GB DDR3L, HDMI, DP, GbE LAN, 2*USB3.0, 2*COM, Mini-PCIe, mSATA, I2C, DC-IN 12V, SATA CABLE WITH POWER, USB CABLE, COM PORT CALBE, DC-IN CABLE, CD, SINGLE
919-98H6-003	Intel Braswell N3000 SoC, Onboard 2GB DDR3L, HDMI, DP, GbE LAN, 2*USB3.0, 2*COM, Mini-PCIe, mSATA, I2C, DC-IN 12V, SATA CABLE WITH POWER, USB CABLE, COM PORT CALBE, DC-IN CABLE, CD, SINGLE

Packing List

Part Number	Description	Quantity
K14-3018001-V03	COM PORT Cable, 150mm	1
K1B-3008034-V03	USB Cable, 150mm	1
K1D-3010008-V03	SATA Cable with Power, 150mm	1
K1G-3004057-V03	DC Power Cable, 150mm	1
G71-SEDC149-X03	Driver DVD	1

Specifications

Processor	CPU	Intel® Pentium Processor N3710/N3700 Intel® Celeron Processor 3160/N3150, N3010/N3000
	Frequency	N3710/N3700: Quad Core, 1.6 GHz, 2.56/2.4 GHz (Burst) N3160/N3150: Quad Core, 1.6 GHz, 2.24/2.08 GHz (Burst) N3010/N3000: Dual Core, 1.04 GHz, 2.24/2.08 GHz (Burst)
	L2 Cache	2MB
	CPU Type	BGA
	Chipset	Integrated in SoC
Memory	BIOS	AMI
	Technology	Single-channel DDR3L 1600MHz
	Max. Capacity	Onboard 2GB
Display	Socket	Onboard
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	LVDS	Dual Channel 18/24-bit
	HDMI	1
Ethernet	DisplayPort	1
	Multiple Display	2 independent displays 3 independent displays
	Display Interface	LVDS up to 1920 x 1080 @ 60 Hz, HDMI1.4b up to 2560 x 1600 @ 60 Hz, 3840 x 2160 @ 30 Hz DP1.1a up to 2560 x 1600 @ 60 Hz, 3840 x 2160 @ 30 Hz
Audio	Controller	1x Intel® I211-AT GbE LAN
Super I/O	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
H/W Monitor	Controller	Fintek F81866AD-I
	Watchdog Timer	256-level Watchdog Timer
TPM	Smart Fan	Yes
	Controller	N/A
I/O Interface	USB	2 x USB 2.0 (2 x internal) 2 x USB 3.0 (2 x rear)
	Serial	2 x COM (internal) COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232/422/485, 0V/5V/12V
	GPIO	16-bits (8 x GPI; 8 x GPO), 5V
Expansion Slot	Mini-PCIe	1 x Half-size
	SATA	1 x SATA 3.0
Storage	mSATA	1
	DC	DC-in 12V
Power Supply	ATX	N/A
	Environment	Operating Temperature
Operating Humidity		10 ~ 90%, non-condensing
Storage Temperature		-20 ~ 80°C
Storage Humidity		10 ~ 90%, non-condensing
Form Factor	Dimensions	100mm x 72mm (Pico-ITX)
	Weight	0.18Kg
Certification	EMC	FCC, CE, RCM, VCCI, BSMI

HMI
Panel PC
Embedded System Board
Embedded Board
Semi-rugged Terminal
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