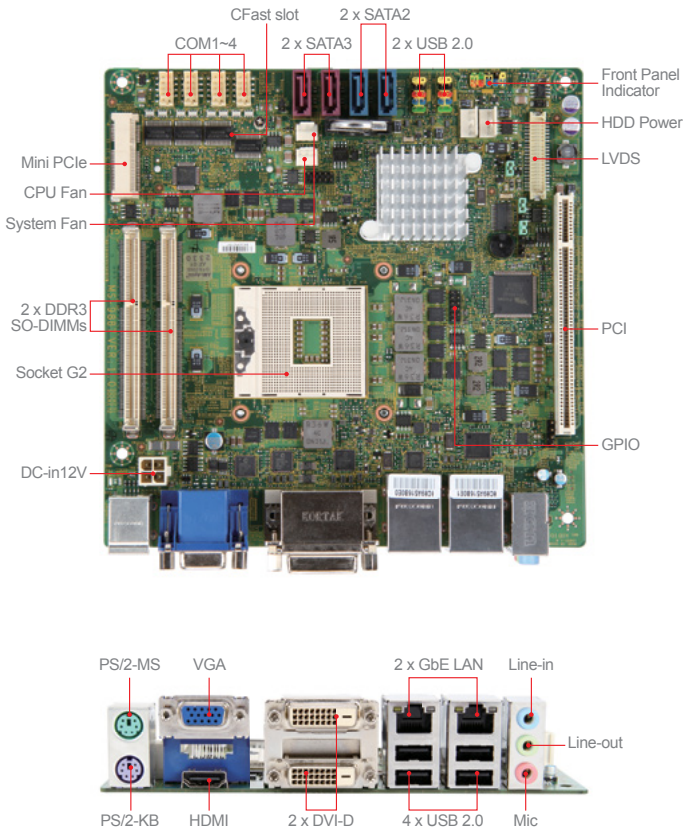


MS-9887

Mini-ITX with 2nd Gen Intel® Mobile Huron River Platform for Multi-Displays Solution



Specifications

Processor	CPU	2nd Gen Intel® Mobile Sandy Bridge Core™ i7/i5/i3/Pentium®/Celeron® Processor, Max. 55W
	Frequency	1.1 GHz-3.7 GHz (Depends on CPU)
	L2 Cache	1.5M-8M (Depends on CPU)
	CPU Type	Socket G2 (rPGA-989)
Memory	Chipset	Intel® HM65 Express (without iAMT function) Intel® QM67 Express (with iAMT 7.0)
	BIOS	AMI
	Technology	Dual-channel DDR3 1066/1333/1600MHz
Display	Max. Capacity	Up to 16 GB
	Socket	2 x 204-pin SO-DIMMs
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	LVDS	Dual channel 18/24-bit
	VGA	1
	DVI	2 (DVI-D)
	HDMI	1
Ethernet	Multiple Display	2 independent displays
	Display Interface	LVDS up to 1920 x 1080 VGA up to 1920 x 1080 DVI-D up to 2560 x 1600 HDMI up to 1920 x 1200
Ethernet	Controller	1 x Intel® 82579LM GbE LAN PHY 1 x Intel® 82574L GbE LAN
Audio	Controller	Realtek® ALC887 HD Audio Codec
Super I/O	Controller	Fintek F71889AD
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
TPM	Controller	Infineon SLB9635TT1.2
I/O Interface	USB	8 x USB 2.0 (4 x rear, 4 x internal)
	Serial	4 x COM (internal) COM1: RS-232/422/485, 0V/5V/12V COM2-4: RS-232, 0V/5V/12V
	PS/2	1
	GPIO	8-bits (4 x GPI; 4 x GPO), 5V
	PCI	1
Expansion Slot	M.2	N/A
	Mini-PCIe	1 x Full-size
Storage	SATA	2 x SATA 3.0; 2 x SATA 2.0 (all support RAID 0, 1, 5, 10)
	CFast	1
Power Supply	DC	DC-in 12V
	ATX	N/A
Environment	Operating Temperature	0 ~ 60°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
Form Factor	Storage Humidity	10 ~ 90%, non-condensing
	Dimensions	170mm x 170mm (Mini-ITX)
Certification	Weight	0.32 kg
Software Platform	EMC	FCC Class A, CE, RCM, VCCI, BSMI
	OS Support	Windows XP (32/64-bit) Windows 7 (32/64-bit)

Features

- Intel® Socket G2 Core™ i3/i5/i7 processor
- 12V DC power input
- Supports iAMT 7.0
- Supports SATA RAID 0/1/5/10
- AMI UEFI BIOS supported
- Dual independent displays w/ multiple display ports

Ordering Information

Part Number	Description
919-9887-003	MS-9887, QM67, 2 x DDR3 SO-DIMM, 2 x SATA 2.0, 2 x SATA 3.0, 1 x CFast Card, 2xGbE LAN, 8 x USB, 4xCOM, DC power
919-9887-004	MS-9887, HM65, 2 x DDR3 SO-DIMM, 2 x SATA 2.0, 2 x SATA 3.0, 1 x CFast Card, 2xGbE LAN, 8 x USB, 4xCOM, DC power

Packing List

Part Number	Description	Quantity
G71-SEDC049-J24	PACK CD	1
E32-0800381-A21	MECH FANSINK	1
G18-S100124-H36	PACK ACCESSORY BOX	1
K14-1018003-V03	COM PORT CABLE, 300mm	1
E21-9887010-C22	I/O SHEILDING	1
E93-0000039-H06	RETENTION BACKPLATE	1

Optional Items

Part Number	Description
K10-3004215-V03	DC-In Cable, 160mm
K1B-3008012-E06	USB 2.0 Cable, 330mm