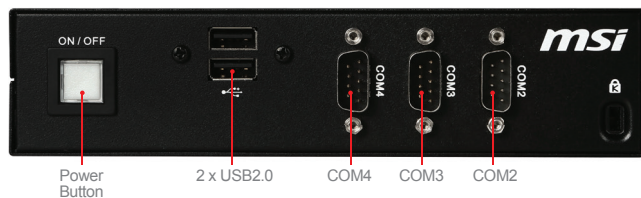
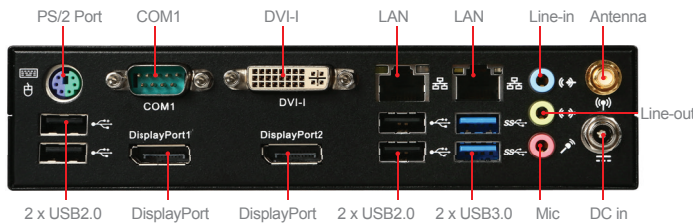


MS-9A68

Coming Soon



Features

- Support Intel Ivy Bridge mobile series CPU
- Great 3D graphic performance with high definition up to 1080P
- Support standard and low-voltage DDR3 SO-DIMM up to 16GB
- 3 independent displays: DP+DP+DVI-I
- Support DirectX11 Shader Model 4.0
- Support 2 x Intel GbE LAN (one with iAMT 8.0) and 2 x USB 3.0
- Support SATA 3.0 and mSATA storage (optional)
- 4 powered COM ports

Ordering Information

Part Number	Description
Coming soon	

Packing List

Part Number	Description
Coming soon	

Specifications

System Processor	CPU	3rd-gen Intel® Core™ Mobile processor (optional) rPGA 989 (Socket G2)	
	CPU Type	989 (Socket G2)	
	Chipset	Intel® QM77/HM76 Express	
	BIOS	AMI UEFI	
Memory	Technology	Dual-channel DDR3 SO-DIMMs 1600/1333/1066MHz (non-ECC, standard/low voltage)	
	Max. Capacity	Up to 16GB	
	Socket	2 x 204-pin SO-DIMMs	
Graphic	Graphic Controller	Intel® HD Graphics	
	Display Mode	2 independent displays supported (SNB CPU only) 3 independent displays supported (IVB CPU only)	
Ethernet	Controller	1 x Intel® 82579 PHY LAN with iAMT 8.0 supported 1 x Intel® 1210-AT PCIe LAN	
Audio	Controller	Realtek® ALC887 HD Audio Codec	
H/W Monitor	Watchdog Timer	255-level Watchdog Timer	
	Smart Fan	Yes	
TPM	Controller	N/A	
Expansion Slot	PCIe x 16	N/A	
	PCIe x 4	N/A	
	PCIe x 1	N/A	
	PCI	N/A	
	Mini-PCIe	2 (one with SIM holder)	
	SATA	2 x SATA 2.0	
Storage	mSATA	2 (shared with Mini-PCIe slots)	
	CFast	N/A	
	CompactFlash	N/A	
	Front I/O	RJ-45	N/A
Front I/O	Audio	N/A	
	USB	2 x USB 2.0	
	Serial	3 x COM ports (RS-232, 0V/5V/12V)	
	Parallel	N/A	
	PS/2	N/A	
	HDMI	N/A	
	DVI	N/A	
	VGA	N/A	
	Antenna	N/A	
	Rear I/O	RJ-45	2 x LAN ports
		Audio	1 x Line-out, 1 x Line-in, 1 x Mic-in
		USB	4 x USB 2.0 2 x USB 3.0
Serial		1 x COM port (RS-232, 0V/5V/12V)	
Parallel		N/A	
PS/2		1 x PS/2 port for keyboard and mouse	
HDMI		N/A	
DVI		1 (DVI-I)	
DisplayPort		2	
VGA		N/A	
Antenna	1 x RF SMA straight jack		
Power Source	Power Adaptor	DC-in 19V/ 90W	
	Power Supply	N/A	
Environment	Operating Temperature	0 ~ 50°C	
	Operating Humidity	10 ~ 90%, non-condensing	
	Storage Temperature	-20 ~ 80°C	
	Storage Humidity	10 ~ 90%, non-condensing	
Physical Characteristics	Dimensions	180mm x 182mm x 42mm	
	Weight	1.8 kg	
	Installation	VESA mounting	
Certification	EMC	FCC, CE, C-Tick, VCCI, BSMI	
	Safety	CB, UL, BSMI	
Software Platform	Operating System Support	Windows 7, Windows 8	