

Bigram Asia Pte Ltd | Rochor Canal Road, # 05-49/50 Simlin Square,  
Level 5, Outside the Central Lift, Singapore 188004.  
Tel: 63364653 / 63341373  
Fax: 63361615 (Mon to 7:30pm All 7 Days)  
Email: sales@bigram.com SMC: 8778957

SPECIFICATIONS	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	WORKSTATION	SERVER	SERVER	
	P9D WS	Z97-WS	P10S-M WS	P10S WS	Z270 WS	P9X79 WS	X99-M WS	X99-E WS	X99-E WS/USB3.1	X99-E 10G WS	Z10PE-D8 WS	Z10PE-D16 WS	P9D-V	Z10PE-D16	
Price	\$400	\$570	\$390	\$410	\$749	\$620	\$520	\$730	\$780	\$999	\$855	\$885	\$295	\$850	
<b>Socket</b>	Socket LGA 1150	Socket LGA 1150	Socket LGA 1151	Socket LGA 1151	Socket LGA 1151	Socket LGA 2011	Socket LGA 2011-v3	Socket LGA 2011-v3	Socket LGA 2011-v3	Socket LGA 2011-v3	Socket LGA 2011-v3 * 2	Socket LGA 2011-v3 * 2	Socket LGA 1150	Socket LGA 2011-v3 * 2	
<b>CPU</b>	Intel® Socket 4th Generation Core™ i7/Core™ i5/Core™ i3for Xeon® E3-1200/v2/v3 series Processors	Intel® Socket 4th Generation Core™ i7/Core™ i5/Core™ i3for Xeon® E3-1200/v2/v3 series Processors	Intel® Socket 4th Generation Core™ i7/Core™ i5/Core™ i3for Xeon® E3-1200/v2/v3 series Processors	Intel® Socket 4th Generation Core™ i7/Core™ i5/Core™ i3for Xeon® E3-1200/v2/v3 series Processors	Intel® Socket 4th Generation Core™ i7/Core™ i5/Core™ i3for Xeon® E3-1200/v2/v3 series Processors	Intel® Xeon® E5-1600/E5-2600 v2	Intel® Socket 2011-v3 Core™ i7 Processors	Intel® Socket 2011-v3 Core™ i7 Processors	Intel® Socket 2011-v3 Core™ i7 Processors	Intel® Socket 2011-v3 Core™ i7 Processors	Intel® Socket 2011-v3 Core™ i7 Processors	Intel® Xeon® processor E3-1200 v3 product family 4th Gen Intel® Core™ i3 processors	Intel® Xeon® processor E3-1200 v3 product family 4th Gen Intel® Core™ i3 processors	Intel® Xeon® processor E5-2600 v3 product family 4th Gen Intel® Core™ i3 processors	Intel® Xeon® processor E5-2600 v3 product family 4th Gen Intel® Core™ i3 processors
<b>Chipset</b>	Intel® C226	Intel® Z97	Intel® C236	Intel® C236	Intel® Z170	Intel® X79	Intel® X99	Intel® X99	Intel® X99	Intel® X99	Intel® C612 PCH	Intel® C612 PCH	Intel® C224	Intel® C612 PCH	
<b>Memory</b>	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 64GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 64GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 64GB, DDR4 1733/1600/1500 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 64GB, DDR3 1733/1600/1500 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	8 x DIMM, Max. 512GB, DDR4 2133/1866/1600/1333 MHz RDIMM, LRDIMM, NVDIMM Memory	8 x DIMM, Max. 512GB, DDR4 2133/1866/1600/1333 MHz RDIMM, LRDIMM, NVDIMM Memory	4 x DIMM, Max. 32GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory	16 x DIMM, Max. 128GB, DDR3 1600/1333 MHz ECC, Non-ECC, Unbuffered Memory
<b>Graphic</b>	Multi-VGA output support: HDMI/DisplayPort ports	Multi-VGA output support: HDMI/DisplayPort/Mini DisplayPort ports	Multi-VGA output support: HDMI/DVI-D/DisplayPort ports	Multi-VGA output support: HDMI/DisplayPort ports	Multi-VGA output support: HDMI/DisplayPort ports	NA	NA	NA	NA	NA	NA	NA	Aspeed AST1300 with 6MB VRAM	Aspeed AST2400 with 32MB VRAM	
<b>Multi-GPU Support</b>	Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports AMD Quad-GPU CrossFireX™ Technology	Supports AMD Quad-GPU CrossFireX™ Technology	Supports NVIDIA® Quad-GPU SLI™ Technology Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® Quad-GPU SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® Quad-GPU SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology	NA	NA	
<b>Expansion Slots</b>	4 PCIe 3.0/2.0 1 x PCIe 2.0 x1 2 x PCI	4 PCIe 3.0/2.0 2 x PCIe 2.0 x16 (x16 mode) 1 x PCIe 3.0 x4 (x4 mode) 2 x PCI	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1	4 PCIe 3.0/2.0 1 x PCIe 3.0/2.0 (x16 mode) *1 1 x PCIe 3.0/2.0 (x16 mode) *2 1 x PCIe 3.0 x4 (x4 mode) *1
<b>Storage</b>	Intel® SATA Express controller 1 x SATA Express port ASMedia® SATA controller 1 x SATA Express port ASMedia® SATA controller 1 x SATA Express port	Intel® Z97 chipset 1 x SATA Express port 2 x M.2 Socket 3 Support RAID 0, 1, 5, 10 Intel® Rapid Storage Technology	Intel® Z97 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3/2 Support RAID 0, 1, 5, 10 Intel® Rapid Storage Technology	Intel® Z97 chipset 8 x SATA 6Gb/s ports 2 x M.2 Socket 3/2 Support RAID 0, 1, 5, 10 Intel® Optane™ Memory Ready	Intel® Z97 chipset 8 x SATA 6Gb/s ports 2 x M.2 Socket 3/2 Support RAID 0, 1, 5, 10 Intel® Optane™ Memory Ready	Intel® X79 chipset 2 x SATA 6Gb/s ports, gray 2 x SATA 6Gb/s ports, blue Support RAID 0, 1, 5, 10	Intel® X99 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10	Intel® X99 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10	Intel® X99 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10	Intel® X99 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10	Intel® X99 chipset 8 x SATA 6Gb/s ports 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10	Intel® C612 chipset 10 x SATA 6Gb/s ports, gray 4 x SATA 6Gb/s ports, black 1 x SATA Express port, gray 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10 ASMedia® SATA Express controller 2 x SATA 6.0 Gb/s ports	Intel® C612 chipset 10 x SATA 6Gb/s ports, gray 4 x SATA 6Gb/s ports, black 1 x SATA Express port, gray 1 x M.2 Socket 3 Support RAID 0, 1, 5, 10 ASMedia® SATA Express controller 2 x SATA 6.0 Gb/s ports	Intel® C224 chipset 10 x SATA 6Gb/s ports 2 x SATA2 3Gb/s ports Support RAID 0, 1, 5, 10	Intel® C612 chipset 10 x SATA 6Gb/s ports 2 x SATA2 3Gb/s ports Support RAID 0, 1, 5, 10
<b>LAN</b>	Intel® G210	Intel® I210-AT Intel® I218-M	Intel® I210, 2 x Gigabit LAN	Intel® I210, 2 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® I210-AT, 1 x Gigabit LAN Intel® I218-M, 1 x Gigabit LAN	Intel® X550-AT2 10, 2 x USB 10G ports	Intel® I210-AT, 2 x Gigabit LAN	Intel® I210, 2 x Gigabit LAN	Intel® I210	
<b>Audio</b>	Realtek® ALC882 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1220A 8-Channel High Definition Audio CODEC featuring TrueAudio	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	Realtek® ALC1150 8-Channel High Definition Audio CODEC	
<b>IEEE 1394</b>	1 x IEEE 1394a ports	1 x IEEE 1394a ports	NA	NA	1 x IEEE 1394a ports	1 x IEEE 1394a ports	1 x IEEE 1394a ports	1 x IEEE 1394a ports	1 x IEEE 1394a ports	1 x IEEE 1394a ports	NA	1 x IEEE 1394a ports	1 x IEEE 1394a ports	1 x IEEE 1394a ports	
<b>USB Ports</b>	4 x USB 3.0/2.0 ports (2 at back panel, 2 at mid-board)	5 x USB 3.0/2.0 ports (2 at back panel, blue, 1 at mid-board)	4 x USB 2.0 ports (2 at back panel, 2 at mid-board)	4 x USB 2.0 ports (Type-A, 4 at mid-board)	2 x USB 3.1 Gen 2 ports (2 at back panel, Type-A + USB Type-C)* 1 x USB 3.1 front panel connector ports	13 x USB 3.0/2.0 ports (8 at back panel, black, 5 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)	8 x USB 3.0/2.0 ports (4 at back panel, 4 at mid-board)
<b>Form Factor</b>	ATX Form Factor 12.1 inch x 9.6 inch	ATX Form Factor 12.1 inch x 9.6 inch	ATX Form Factor 12.1 inch x 9.6 inch	ATX Form Factor 12.1 inch x 9.6 inch	ATX Form Factor 12.1 inch x 9.6 inch	Micro ATX Form Factor 9.6 inch x 9.6 inch	Micro ATX Form Factor 9.6 inch x 9.6 inch	Micro ATX Form Factor 9.6 inch x 9.6 inch	Micro ATX Form Factor 9.6 inch x 9.6 inch	Micro ATX Form Factor 9.6 inch x 9.6 inch	EEB Form Factor 12 inch x 13 inch	EEB Form Factor 12 inch x 13 inch	ATX Form Factor 12.1 inch x 9.6 inch	EEB Form Factor 12.1 inch x 9.6 inch	

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