

GMB-C2165-LLVA

Workstation

Xeon
Processor

ECC
Support

4x PCI
Slots



Features

- Intel® Pentium® and Xeon® E3-1200 series processors
- 2x PCIe(x16), 1x PCIe(x4), 4x PCI slots
- 3 independent displays support
- 1x VGA, 1x DVI-D, 1x HDMI
- System memory support ECC/Non-ECC

Packing List

- 1x GMB-C2165-LLVA motherboard
- 1x Quick installation guide
- 1x DVD driver disk
- 1x DVI-D + VGA cable with bracket
- 1x Serial ATA data cable
- 1x I/O shield
- 2x Two USB port cables
- 2x COM port cables

Optional Configuration

Memory (DDR3 DIMM ECC/non ECC)

Recommended CPU List

Intel® Xeon® E3-1275v2
Intel® Xeon® E3-1225v2
Intel® Pentium® G2120

Ordering Information

GMB-C2165-LLVA
ATX IMB LGA1155 CPU, C216 chipset DDR3/
HDMI/VGA/DVI-D/Dual GbE/COM/Audio/USB

Specifications

System	CPU	Intel® 3rd gen. Core™ Xeon processor
	CPU type	LGA1155
	BIOS	Phoenix UEFI BIOS
	Chipset	Intel® C216 PCH
Graphic	Memory type	4x 240-pin DIMM, support up to 32GB dual-channel DDR3 1600/1333 SDRAM (Intel® 3rd gen. Core™) or 1333/1066 (Intel® 2nd gen. Core™)
	Controller	Intel® GMA HD 4000P
Displays	Video RAM	Main memory shared
		1x HDMI, 1x DVI-D, 1x VGA
Audio	Codec	Realtek ALC886 HD
Controller		1x Intel® 82579LM GbE PHY LAN with iAMT 8.0 1x Intel® 82583V PCIe GbE LAN
Watchdog Timer		Reset: 1 – 255 sec./ min. per step
H/W Status Monitor		Monitoring temperature, voltage and cooling fan status. Auto throttling control when CPU overheats
Expansion	Mini-PCIe	N/A
	PCIe	2x PCIe(x16) slots: gen. 8.0 GT/s, x16 signal or 2 x8 signal, PCIe (x4) slots x1:1x4 signal and 1 x1/x4 signal
	PCI	4x slots
	TPM	1x Optional TPM connector
Interface	SATA	2x SATA 3.0, 3x SATA 2.0
	mSATA	N/A
	RJ-45	2x LAN port
	USB	4x USB 3.0 6x USB 2.0
	Serial	2x RS-232C/422/485, 4x RS-232C
	Audio	1x Line-out, 1x Line-in, 1x Mic-in
GPIO		8-bit programmable digital input/output
Wake on LAN		Yes
Power type		ATX (Support AT Mode)
Operating temperature		0 – 60°C
Operating humidity		5 – 95%RH (no-condensation)
Physical dimension (mm)		305 x 244

All specifications are subject to change without notice