

ICOM1190

1U 8th/9th Gen PICMG1.3 System



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PRODUCT HIGHLIGHTS

- ▶ 1U Industrial rackmount system, 17.21" Depth
- ▶ 2 PCIe expansion slots
- ▶ Supports Intel® 8th/9th Gen processors
- ▶ Intel® Xeon® & Core™ CPUs
- ▶ Intel® C246 Chipset, RAID 0/1/5
- ▶ 2 DDR4 ECC DIMMs up to 64GB
- ▶ 3 Display outputs: 1 DVI-I Standard
- ▶ I/O: 2 LAN, 2 USB 3.1, 1 DVI-I
- ▶ Windows 10 Pro / IoT & Linux
- ▶ CPU Life Cycle Support Until Q1 2032 (Based on Intel IOTG Roadmap)



TECHNICAL INFORMATION

PROCESSOR	LGA1151 socket 8th/9th gen Intel® Core™ processor, TDP up to 65W
CHIPSET	Intel® C246 Chipset
MEMORY	2 x 288-pin 2666/2400 with ECC un-buffered Long-DIMM (Intel® Core™ i7/i5 only support non-ECC) up to 64GB
BIOS	AMI
STORAGE	Supports 1 x Slimline DVD 1 x 3.5" or 3 x 2.5" front accessible drives Supports RAID 0/1/5
OPTICAL	Optional DVD drive
WATCHDOG TIMER	Programmable via S/W from 1 sec. to 255 sec.
EXPANSION SLOTS	1U PICMG1.3 backplane supports: 1 x PCIe x16 or 1 x PCIe x4 expansion slot
POWER SUPPLY OPTIONS	1U Redundant 1U Single / Flex ATX
AUDIO	HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out with optional audio kit
ETHERNET	1 x 10/100/1000 Mbps (Intel® i219-LM; AMT) 1 x 10/100/1000 Mbps (Intel® i211-AT)
SATA	6 x SATA-600 Supports RAID 0/1/5
TPM	TPM 2.0 module (optional)
HARDWARE MONITORING	Detects CPU/system temperature, voltage and fan speed
BIOS OPTIONS	PICMG1.3 SBC with PCIE x 1 configured BIOS PICMG1.3 SBC with PCIE x 4 configured BIOS
OPERATING SYSTEMS SUPPORTED	Windows 10 64-bit Linux
DISPLAY	Intel® HD Graphics Shares system memory 1 x DVI-I 1 x DisplayPort++ (internal header)
USB PORTS	2 x USB 3.1 Gen2 4 x USB 3.1 Gen1 & 6 x USB 2.0 (2 ports on board, 4 ports on SHB connector-C golden fingers)
REAR I/O PORTS	2 x GbE (RJ-45) 1 x DVI-I 2 x USB 3.1
OPTIONAL PORT EXPANSION FROM SBC	2 x RS-232 2 x RS-232/422/485, mode selection by SW 4 x USB 3.1 Gen1 & 6 x USB 2.0 1 x PS/2 keyboard internal connector 1 x PS/2 mouse internal connector

