



PER370-V10

INTEL 10TH GEN. COMET LAKE® CORE™ INDUSTRIAL
FANLESS COMPUTER



- Intel® 10th Comet Lake LGA1200 Socket Processor / 10core TDP Max 35W / 8core TDP 65W
- 2 x DDR4 SO-DIMM up to 32GB RAM
- 2 x 2.5" SATA SSD on bottom side
- Expansion : 1 x M.2 2280M-key, 1 x M.2 2230 E-key, 1 x mPCIe Full size
- 2 x GbE, 4x USB3.2, 1 x DP, 1 x HDMI, 1 x Mic-in 1 x Line-out
- 12V DC-IN (Option : 220W/100~240V AC-DC Adapter)
- Extended Temperature -20~+60°C

Specifications

SYSTEM

CPU	Intel® 10th Comet Lake LGA1200 Socket Processor / 10core TDP Max 35W / 8core TDP 65W Intel® 10th Gen Core™ i9-10900TE Intel® 10th Gen Core™ i7-10700TE
Memory type	2 x DDR4 SO-DIMM 32GB
Chipset	Intel® Processor Integrated
TPM2.0	TPM Header / (support optional TPM module)

STORAGE

2.5" HDD/SSD	2 x 2.5" Easy swap HDD/SSD Tray on bottom side
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EXPANSION SLOT

M.2	M.2 2230 E-Key
M.2	M.2 2280 M-Key
mPCIe	1
PCIe SlotX4	1

ETHERNET

Ethernet	2 x Intel GbE LAN (Intel® I219-LM Giga LAN + Intel® I211-AT Giga LAN)
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REAR I/O

DisplayPort	1 x DisplayPort + 1 x HDMI
Ethernet	2 x RJ45 GbE LAN
Audio I/O	1 x Mic-in + 1 x Line out
USB Port	4 x USB3.2 Gen2
DC-IN	1 x DC Jack
Power Button	1 x w/indicator LED

PHYSICAL

Dimension (W x D x H)	200 x 260 x 90mm
Operating Temp.	-20 ~ +60°C - ET -40 ~ +70°C - UT (By Request)
Storage Temp	-40 ~ +85°C

ENVIRONMENTAL

Reliability	No Moving Parts Passive Cooling
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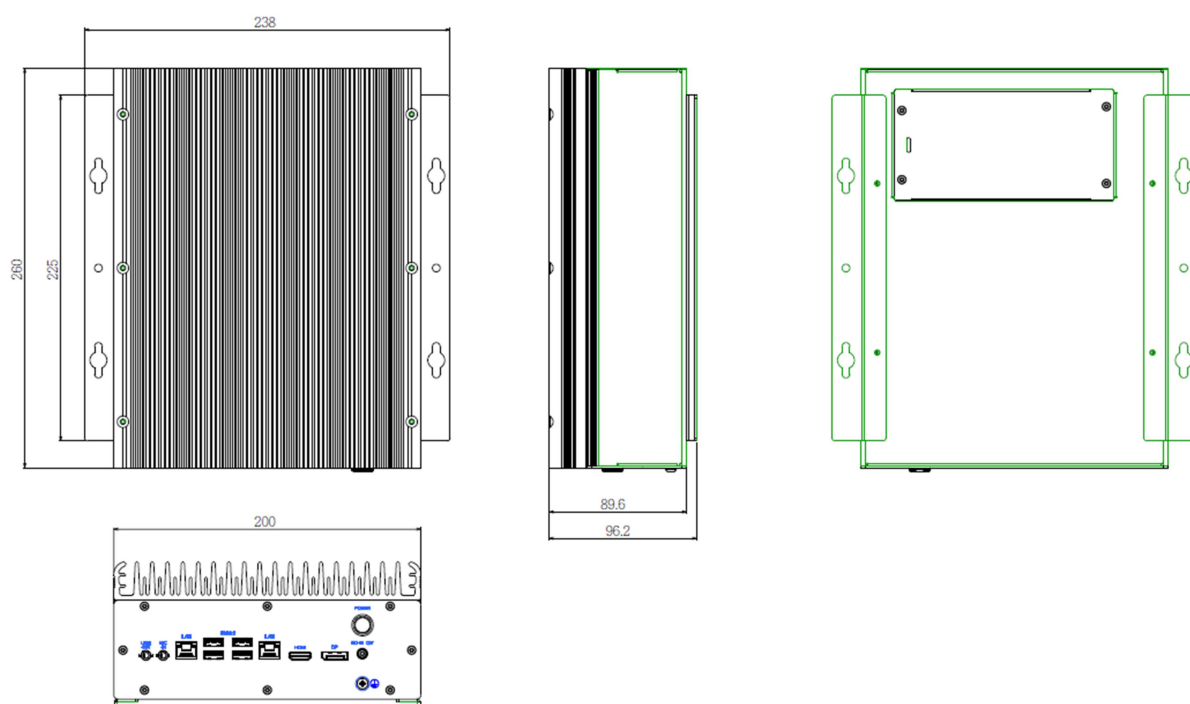
EMC	CE and FCC compliance
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Green Product	RoHS, WEEE compliance
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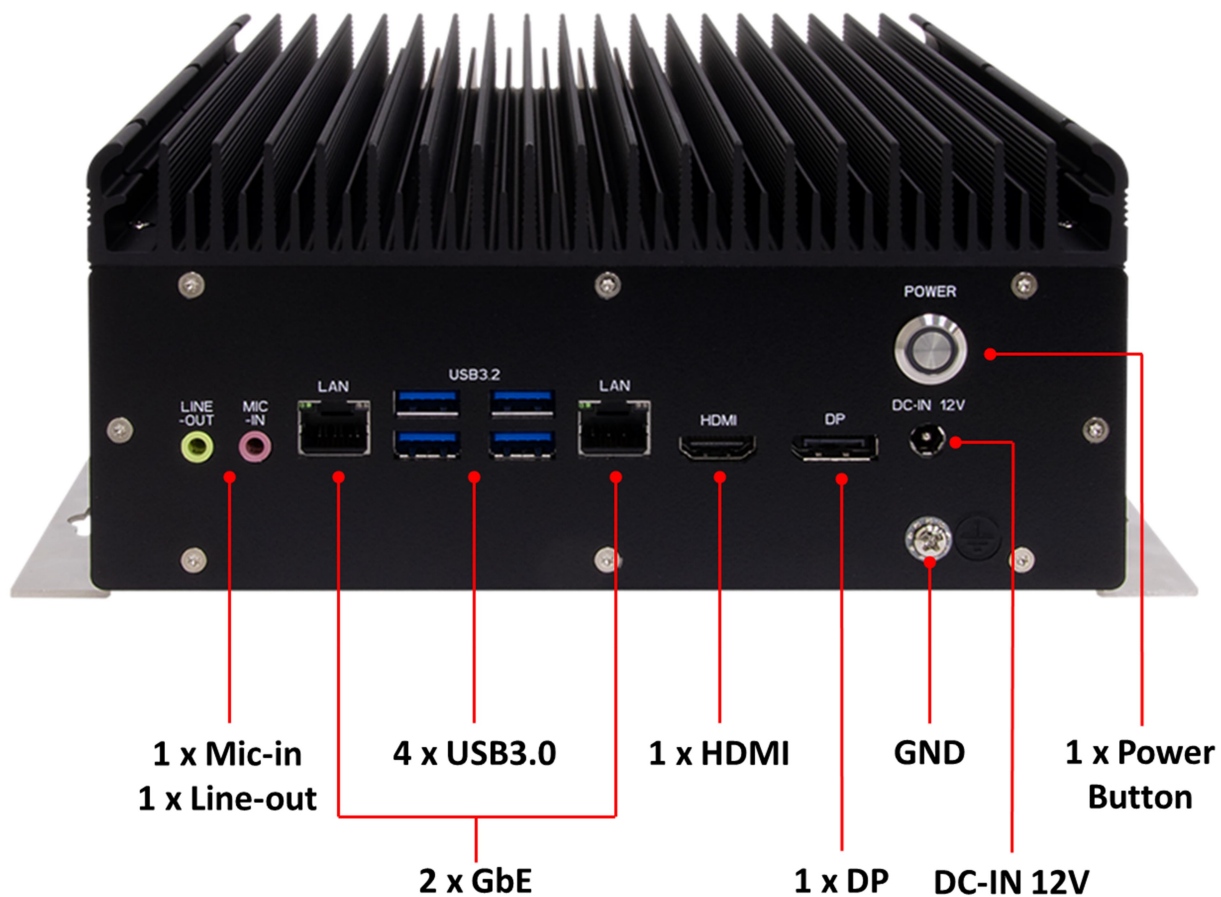
OS

OS Support	Windows® 10 64-bit, Linux (Support by request)
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Drawing



I/O Placement



Ordering Information

PER370-X10-i7

Rugged Computer with Intel® Core™ i7-10700TE, 2 x GbE, 1 x DP, 1 x HDMI, , 4 x USB3.2 Gen2, 12V DC-IN, Extended Temp -20 to 60°C

PER370-X10-i9

Rugged Computer with Intel® Core™ i9-10900TE, 2 x GbE, 1 x DP, 1 x HDMI, , 4 x USB3.2 Gen2, 12V DC-IN, Extended Temp -20 to 60°C