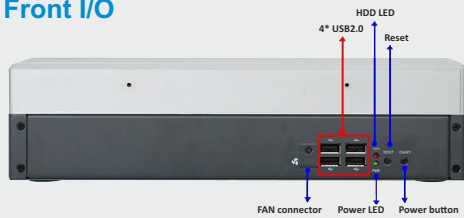


Fanless System

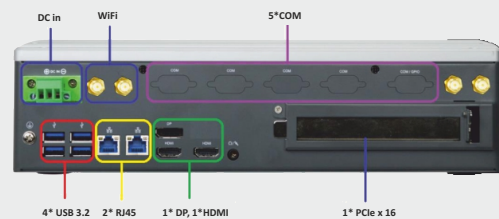
L-IPC-7142

Intel® Comet Lake-S H420E chipset, support LGA1200 processor
(Max. 65W), DDR4 up to 64GB

Front I/O



Rear I/O



- Intel® LGA1200 Socket supports 10/11th Gen. Core Processor (Max 65W)
- Intel® Comet Lake-S H420E chipset
- 2* DDR4 2933/2666MHz up to 64GB
- 1* Intel® i226-V 2.5GbE, 1* Intel® i219-LM GbE
- 1* M.2 M-Key, 1* M.2 E-Key, 1* M.2 B-Key
- 1* SATA III (6Gb/s), 1* PCI-E x16 slot
- 1* DP, 2* HDMI
- 5*COM, 4* USB3.2 (Gen1), 4* USB2.0
- 12-28V DC-in
- 306 (W) * 199 (D) * 79 (H) mm

Specifications

CPU / Chipset	Intel® LGA1200 Socket supports 10/11th Gen. Core Processor (Max 65W) • Max. 65W TDP • Intel® Q420E chipset
MB model	• LI21-H420E
BIOS	• AMI Flash ROM BIOS
Memory	2* DDR4 2933/2666MHz SO-DIMM up to 64GB
Network	• 1* Intel® i226-V 2.5GbE • 1* Intel® i219-LM GbE
Graphics	Intel® HD Graphics, shared Memory 2* HDMI 1.4 (Max Resolution : 4096×2160@30Hz, HDMI1 Co-lay VGA) 1* DP1.4 (Max Resolution : 5120×3200@60Hz)
Audio	• HD audio: Realtek ALC888S
Storage	• 1* M.2 M-key (2280, PCI-Ex4 interface, support NVMe SSD) • 1* SATAIII
Expansion	• 1* M.2 E-key (2230, CNVi/PCI-Ex1/USB2.0, support WIFI/BT) • 1* M.2 B-key (3042/3052, USB3.2/USB2.0, support 3G/4G/5G Module) • 1* PCI-E x16 slot (Maximum power supply 75W)
Rear Panel I/O	• 4* USB3.2 (Gen.1) • 2* LAN • 2* HDMI • 1* DP • 1* Audio jack (Line-out/MIC combo) • 1* DC-in (3 PIN Industrial Connector) • 5* COM (2*RS232/422/485, 3*RS232)
Front Panel I/O	• 1* Power button , 1* Reset • 1* Power LED, 1*HDD LED • 4* USB2.0 • 1* FAN link con
Internal Connector	• SIM Card Holder • 1*GPIO
Power Source	• 12-28V DC-in
Compliance	• CE, FCC, LVD, RoHS, ErP Ready
Dimensions	• System : 306 (W) * 199 (D) * 79 (H) mm • Net Weight: 5.5 KG: Gross Weight: 6.5 KG
Temperature	• Operating Temperature: -20 ~ 60° C (35W CPU) • Operating Temperature: -20 ~ 50° C (65W CPU) • storage Temperature: -40 ~ 85° C Humidity: 10% ~ 95% RH @40°C (non-condensing)
OS Support	• Windows 11, Linux
Warranty	• 2 Years limited warranty