



319.00 EUR
incl. 19% VAT, plus [shipping](#)

- Intel Comet Lake-S H420H !
- 2x LAN !
- Half-Height !
- Mini-ITX !

- 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 (PCI-Ex4), 1* M.2 E-Key (CNVi/PCI-Ex1), 1* M.2 B-Key(USB3.2/USB2.0)
- 1* SATA III (6Gb/s), 1* PCI-E x16 slot
- 1* DP (Co-lay VGA), 2* HDMI, 1* LVDS/eDP Output
- 2* RS232/422/485, 4* RS232, 4* USB3.2 (Gen1), 4* USB2.0
- Support Onboard TPM2.0 (LI21-H420E2, option)
- 12-28V DC-in
- Thin Mini-ITX Form Factor (170x170mm)

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| Model | – LI21-H420E – LI21-H420E2 (Onboard TPM2.0) | |
| Form Factor | – Thin Mini-ITX (170 * 170mm) | |
| Processor System | – Intel® LGA1200 Socket supports 10/11th Gen Core Processor, Max. 65W – Intel® Comet Lake-S H420E Chipset – AMI 256M Flash ROM | |
| Memory | – 2* DDR4 2933/2666MHz SO-DIMM up to 64GB | |

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| Storage | <ul style="list-style-type: none"> - 1* M.2 M-key (2280, PCI-Ex4 interface, support NVMe SSD) - 1* SATAIII |
| Expansion | <ul style="list-style-type: none"> - 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) |
| Ethernet | <ul style="list-style-type: none"> - 1* Intel® i226-V 2.5GbE - 1* Intel® i219-LM GbE |
| Graphics | <ul style="list-style-type: none"> - Intel® HD Graphics, shared Memory - 2* HDMI 1.4 (Max Resolution : 4096x2160@30Hz, HDMI1 Co-lay VGA) - 1* DP1.4 (Max Resolution : 5120x3200@60Hz) - 1* LVDS/eDP (Max Resolution : LVDS: 2560x1600@60Hz) - Support Dual Displays |
| Audio | <ul style="list-style-type: none"> - HD audio: Realtek ALC888S |
| Watchdog Timer | <ul style="list-style-type: none"> - From Super I/O to drag RESETCON# - 256 segments (10sec ~ 255min) |
| Internal I/O | <ul style="list-style-type: none"> - 4* USB2.0 - 2* RS232/422/485(COM1/2 Support 5V/12V TTL) - 4* RS232 (COM3/4 Support 5/12V TTL) - 1* SATAIII (6.0Gb/s) - 1* LVDS/eDP (Choose one from two) - 1* Inverter (PH2.0) - 1* M.2 M-key (2280, PCI-Ex4 interface, Support NVMe) - 1* M.2 E-key (2230, CNVi/PCI-Ex1/USB2.0 interface) - 1* M.2 B-key (3042/3052, USB3.2/USB2.0 interface) - 1* PCI-Ex16 slot (by CPU) - 1* GPIO (8 bit,5V) - 1* CPU FAN (W/ Smart FAN) - 2* System FAN (W/O Smart FAN) - 1* 4pin DC Connector - 1* 3pin Speaker (3W Amplifier) - 1* Chassis intrusion - 1* SMBUS/ I2C - 1* AT mode |
| External I/O | <ul style="list-style-type: none"> - 4* USB3.2 (Gen1) - 2* HDMI1.4 (HMDI1 Co-lay VGA) - 1* DP1.4 - 2* RJ45 - 1* Audio Jack (Line-out + MIC) - 1* DC Jack |
| Power | <ul style="list-style-type: none"> 12-28V DC-in - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready |
| Compliance | <ul style="list-style-type: none"> - CE, FCC, RoHS, REACH compatible |
| Temperature | <ul style="list-style-type: none"> - Operating Temperature: 0 ~ 60° C (with 0.7m/s air flow) - Storage Temperature: -20 ~ 70° C - Humidity: 10% ~ 90% RH @40°C (non-condensing) |
| OS Support | <ul style="list-style-type: none"> - Windows 10, Windows 11, Linux |