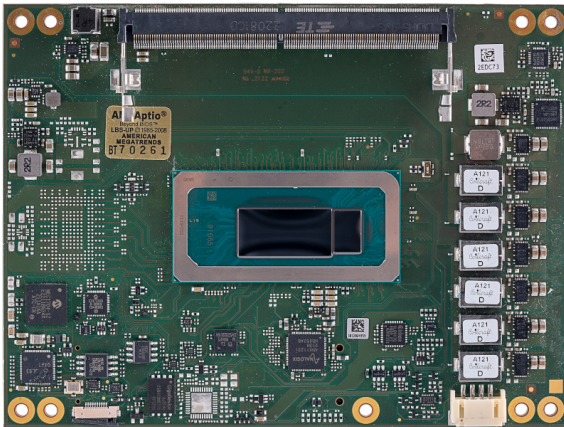


## MSC C6B-RLP

### Intel® Core™ 13th Generation



125 x 95



tbd



-40 +85



IoT Solutions  
Alliance

COM  Express

## Description

The MSC C6B-RLP COM Express module features the 13th Gen Intel® Core™ processor, giving application designers a great variety of choices of power efficient and performant compute solutions. Offering a great scalability of performance the module is ideal for compute intense applications in industrial, medical, transportation, video surveillance and gaming. The Intel® performance hybrid architecture combines Performance-cores and Efficient-cores with the Intel® Thread Director providing intelligent workload optimization. The architecture scales up to fourteen cores and twenty threads at 45/35W thermal design power (TDP) and can go as low as 12W TDP. Selected variants of the processor provide TSN and Intel® TCC enabling extended real-time capabilities, allow continuous running (24/7) and support module variants to operate in extended temperature range.

For highest data throughput the module enables fast DDR5-4800 memory technology. Up to two SO-DIMMs can be installed for a total memory capacity from eight to sixty-four GB. I/O located on COM Express carrier designs can be connected to the module via eight PCIe lanes (mix of Gen 4/3) and an eight lane PEG port capable of PCIe Gen 4. The Ethernet interface provides up to 2.5GbE bandwidth based on the Intel i226 network controller.

System investments are well protected through long-term availability of the module, designed, and manufactured by Avnet Embedded. In addition, the COM Express standard enables performance scaling and migrating applications to future technology upgrades when they become available.

## Highlights

- 13th Gen Intel® Core™ processors
- Scalable CPU performance
- Up to fourteen cores, twenty threads
- Industrial grading options (Intel® TCC, TSN, IB ECC, ext. Temp., 24/7)
- Up to 64GB DDR5-4800 SDRAM, dual channel
- Intel® Iris® Xe architecture Graphics, up to 96 EUs
- Three DisplayPort/HDMI interfaces
- LVDS and Embedded DisplayPort interface
- Up to four independent displays
- PCI Express® 4x1 lanes, configurable up to x4, Gen 3, PCI Express® 1x4, Gen 4
- PEG 1x8, PCIe Gen 4 (optional)
- Four USB 3.2 Gen1/2 and eight USB 2.0 ports
- Two UARTs
- Optional on-board NVMe SSD, up to 1TB
- Two SATA 6Gb/s mass storage interfaces
- 1 / 2.5 Gb Ethernet port (Intel® i226)
- Trusted Platform Module TPM 2.0
- Long-term product availability

## Technical Data - MSC C6B-RLP

<b>Technology</b>	x86
<b>Formfactor</b>	COM Express Basic
<b>CPU</b>	<p>13th Gen Intel® Core™ processors</p> <p>H-series</p> <p>Intel® Core™ i7-13800HE 6P+8E/20T, 2.5GHz, 96 EUs, 24MB L3, 45/35W cTDP  Intel® Core™ i7-13800HRE 6P+8E/20T, 2.5GHz, 96 EUs, 24MB L3, 45/35W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i5-13600HE 4P+8E/16T, 2.7GHz, 80 EUs, 18MB L3, 45/35W cTDP  Intel® Core™ i5-13600HRE 4P+8E/16T, 2.7GHz, 80 EUs, 18MB L3, 45/35W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i3-13300HE 4P+4E/12T, 2.1GHz, 48 EUs, 12MB L3, 45/35W cTDP  Intel® Core™ i3-13300HRE 4P+4E/12T, 2.1GHz, 48 EUs, 12MB L3, 45/35W cTDP, TCC/TSN, IBECC, ET</p> <p>P-series</p> <p>Intel® Core™ i7-1370PE 6P+8E/20T, 1.9GHz, 96 EUs, 24MB L3, 28/20W cTDP  Intel® Core™ i7-1370PRE 6P+8E/20T, 1.9GHz, 96 EUs, 24MB L3, 28/20W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i5-1350PE 4P+8E/16T, 1.8GHz, 80 EUs, 12MB L3, 28/20W cTDP  Intel® Core™ i5-1350PRE 4P+8E/16T, 1.8GHz, 80 EUs, 12MB L3, 28/20W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i5-1340PE 4P+8E/16T, 1.8GHz, 80 EUs, 12MB L3, 28/20W cTDP  Intel® Core™ i3-1320PE 4P+4E/12T, 1.7GHz, 48 EUs, 12MB L3, 28/20W cTDP  Intel® Core™ i3-1320PRE 4P+4E/12T, 1.7GHz, 48 EUs, 12MB L3, 28/20W cTDP, TCC/TSN, IBECC, ET, TCC/TSN, IBECC, ET</p> <p>U-series</p> <p>Intel® Core™ i7-1365UE 2P+8E/12T, 1.7GHz, 96 EUs, 12MB L3, 15/12W cTDP  Intel® Core™ i7-1365URE 2P+8E/12T, 1.7GHz, 96 EUs, 12MB L3, 15/12W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i5-1345UE 2P+8E/12T, 1.4GHz, 80 EUs, 12MB L3, 15/12W cTDP  Intel® Core™ i5-1345URE 2P+8E/12T, 1.4GHz, 80 EUs, 12MB L3, 15/12W cTDP, TCC/TSN, IBECC, ET  Intel® Core™ i5-1335UE 2P+8E/12T, 1.3GHz, 80 EUs, 12MB L3, 15/12W cTDP  Intel® Core™ i3-1315UE 2P+4E/8T, 1.2GHz, 64 EUs, 10MB L3, 15/12W cTDP  Intel® Core™ i3-1315URE 2P+4E/8T, 1.2GHz, 64 EUs, 10MB L3, 15/12W cTDP, TCC/TSN, IBECC, ET  Intel® Processor U300E 1P+4E/6T, 1.1GHz, 48 EUs, 8MB L3, 15/12W cTDP</p> <p>Note: P core base frequency at nominal TDP shown, other clock frequencies supported</p>
<b>Chipset</b>	Integrated into SoC
<b>RAM</b>	2x 262-pin SO-DIMM socket for up to 2x 32GB DDR5 SDRAM (DDR5-4800); dual channel operation; minimum capacity 1x 8GB single channel operation Optional in-band ECC (IBECC)
<b>Storage Interfaces</b>	2x SATA channels (up to 6Gb/s) optional on-board NVMe, 64GB to 1TB
<b>USB</b>	4x USB 3.2 (Gen 1 & 2), 8x USB 2.0

<b>Serial Interfaces</b>	2x high-speed serial ports
<b>Bus Interfaces</b>	PCI Express <sup>®</sup> Graphics (PEG) Gen 4, 1x8, on COMe PEG[0:7] <sup>1</sup> PCI Express <sup>®</sup> Gen 4, 1x4, on COMe PCIe[4:7] PCI Express <sup>®</sup> Gen 3, 1x4, flexible bifurcation options, on COMe PCIe[0:3] LPC bus (Low Pin Count bus, no DMA support) <sup>1</sup> Available on H-series processors
<b>Display Controller</b>	Intel <sup>®</sup> Iris <sup>®</sup> Xe architecture Graphics, Up to 96 execution units (EU) H.264/AVC, H.265/HEVC, AV1, MJPEG encode/decode/transcode.
<b>Display Interfaces</b>	Four independent display streams 3x Digital Display Interface (DP 1.4a, HDMI 2.0b) 1x Embedded DisplayPort 1.4b 1x LVDS 24bit, dual-channel;
<b>Network Interface</b>	10/100/1000Base-TX, 2.5G <sup>2</sup> based on Intel i226, TSN support <sup>2</sup> Available bandwidths depending on carrier design I-Temp variants: Intel <sup>®</sup> i226-IT C-Temp variants: Intel <sup>®</sup> i226-LM
<b>Audio Interface</b>	High Definition Audio
<b>Security Device</b>	TPM 2.0
<b>Miscellaneous</b>	Watchdog Timer: Initiates system reset, programmable  Fan Supply: 4-pin header for CPU fan, PWM speed controlled and PWM speed control for system fan supported  RTC battery: external  System Monitoring: voltage, temperature, CPU fan, system fan
<b>Feature Highlights</b>	Type 6 pin-out

<b>Firmware</b>	UEFI Firmware: AMI Aptio® V  Security: TPM 2.0 support, TCG compliant  Power Management: ACPI Active fan control  USB: USB legacy support (keyboard, mouse, storage)  Monitoring: System Monitoring Health Monitoring  MSC Adv. Boot Device Selection: Boot device priority setting based on physical interfaces
<b>OS Support</b>	Windows 10 IoT Enterprise 2021 LTSC BSP for Linux (Yocto)
<b>Power Requirement</b>	Voltage: +8.5V to +20V, +5V Stby optional  Power Consumption: tbd W to tbd W (typ.)
<b>Environment</b>	Ambient Temperature: 0° ... 60°C (operating), commercial -40° ... 85°C (operating), industrial -25° ... 85°C (storage)  Humidity: 5 ... 95% (operating, non-condensing), 5 ... 95% (storage, non-condensing)
<b>Dimensions</b>	125 x 95
<b>Certificates</b>	UL / CE

## Order Reference - MSC C6B-RLP

Order Number	Description	Reference	Cat*
98904	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-13800HE 14C/20T, vPro, 2.5GHz, 45/35W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-13800HE-NN0301C PCBFTX	PV
98892	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-13600HE 12C/16T, vPro, 2.7GHz, 45/35W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-13600HE-NN0301C PCBFTX	PV
98876	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-13300HE 8C/12T, 2.1GHz, 45/35W cTDP; Graphics: Intel® UHD Graphics 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-13300HE-NN0301C PCBFTX	PV
98900	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-1370PE 14C/20T, vPro, 1.9GHz, 28/20W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1370PE-NN0301C PCBFTX	OR
98888	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1350PE 12C/16T, vPro, 1.8GHz, 28/20W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1350PE-NN0301C PCBFTX	OR
98882	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1340PE 12C/16T, vPro, 1.8GHz, 28/20W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1340PE-NN0301C PCBFTX	PV

\*COM products are divided in two categories, „PV“ (preferred variant) and „OR“ (on request).

## Order Reference - MSC C6B-RLP

Order Number	Description	Reference	Cat*
98872	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-1320PE 8C/12T, 1.7GHz, 28/20W cTDP; Graphics: Intel® UHD Graphics 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1320PE-NN0301C PCBFTX	PV
98896	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-1365UE 10C/12T, vPro, 1.7GHz, 15/12W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1365UE-NN0301C PCBFTX	OR
98884	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1345UE 10C/12T, vPro, 1.4GHz, 15/12W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1345UE-NN0301C PCBFTX	OR
98880	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1335UE 10C/12T, 1.3GHz, 15/12W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1335UE-NN0301C PCBFTX	OR
110530	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-1315UE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD Graphics 64 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-1315UE-NN0301C PCBFTX	PV
98908	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel Processor U300E 5C/6T, 1.1GHz, 15/12W cTDP; Graphics: Intel® UHD Graphics 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5; 0...+60°C.	MSC C6B-RLP-U300E-NN0301C PCBFTX	PV

\*COM products are divided in two categories, „PV“ (preferred variant) and „OR“ (on request).

## Order Reference - MSC C6B-RLP

Order Number	Description	Reference	Cat*
98906	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-13800HRE 14C/20T, vPro, 1.8GHz, 45/35W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 1TB NVMe; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-13800HRE-NA0301I PCBFTX	OR
98894	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-13600HRE 12C/16T, vPro, 1.9GHz, 45/35W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-13600HRE-NN0301I PCBFTX	PV
98878	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-13300HRE 8C/12T, 1.2GHz, 45/35W cTDP; Graphics: Intel® UHD Graphics 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-13300HRE-NN0301I PCBFTX	PV
98902	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-1370PRE 14C/20T, vPro, 1.9GHz, 28/20W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1370PRE-NN0301I PCBFTX	OR
98890	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1350PRE 12C/16T, vPro, 1.8GHz, 28/20W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1350PRE-NN0301I PCBFTX	PV
98874	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-1320PRE 8C/12T, 1.7GHz, 28/20W cTDP; Graphics: Intel® UHD Graphics 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1320PRE-NN0301I PCBFTX	PV

\*COM products are divided in two categories, „PV“ (preferred variant) and „OR“ (on request).

## Order Reference - MSC C6B-RLP

Order Number	Description	Reference	Cat*
98898	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i7-1365URE 10C/12T, vPro, 1.7GHz, 15/12W cTDP; Graphics: Intel® Iris® Xe 96 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1365URE-NN0301I PCBFTX	OR
98886	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i5-1345URE 10C/12T, vPro, 1.4GHz, 15/12W cTDP; Graphics: Intel® Iris® Xe 80 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1345URE-NN0301I PCBFTX	PV
98870	COM Express Type 6 Basic module (125mm x 95mm); CPU: Intel i3-1315URE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD Graphics 64 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 2x SATA, 4x USB3, 8x USB2, PCIe Gen 4 1x4, PCIe Gen 3 4x1; 2x socket for DDR5, in-band ECC; -40...+85°C, recommended for 24/7 operation.	MSC C6B-RLP-1315URE-NN0301I PCBFTX	PV

\*COM products are divided in two categories, „PV“ (preferred variant) and „OR“ (on request).



## Accessories

Order Number	Description	Reference
<b>Cooling Options</b>		
92019	Passive Heatsink for C6B-ALP and C6B-RLP consisting of a single-piece aluminum profile with fins, standoffs without thread (2.7mm inner diameter), screws and thermopads for the thermal contact to CPU, chipset, NVMe.	MSC C6B-ALP-01 HSI-001
92020	Passive Heatsink / heat pipe for C6B-ALP and C6B-RLP consisting of a single-piece aluminum profile with fins and embedded heatpipe, standoffs without thread (2.7mm inner diameter), screws and thermopads for the thermal contact to CPU, chipset, NVMe.	MSC C6B-ALP-01 HSI-HP-001
92021	Heatspreader for C6B-ALP and C6B-RLP. Single-piece aluminum profile, standoffs without thread (2.7mm inner diameter), screws and thermopads for the thermal contact to CPU, chipset, NVMe.	MSC C6B-ALP-01 HSP-001
92032	Heatspreader / heat pipe for C6B-ALP and C6B-RLP. Single-piece aluminum profile with embedded heat pipe, standoffs without thread (2.7mm inner diameter), screws and thermopad for the thermal contact to CPU, chipset, NVMe.	MSC C6B-ALP-01 HSP-HP-001
92033	Heatspreader for C6B-ALP and C6B-RLP. Single-piece aluminum profile, standoffs with M2.5 thread, screws and thermopads for the thermal contact to CPU, chipset, NVMe.	MSC C6B-ALP-02 HSP-001
79809	Fan kit for Heatsink MSC HCA-ALP/RLP-0x HSI-xxx, MSC C6B-ALP/RLP-0x HSI-xxx, MSC C6B-TLH-0x HSI-xxx, MSC C6C-ALP/RLP-0x HSI-xxx, MSC C6C-TLU-0x HSI-xxx, MSC C6C-WLU-0x HSI-xxx, MSC C6C-ALN-0x HSI-xxx, MSC C6C-EL-0x HSI-xxx, MSC C6C-RYZx-0x HSI-xxx, PWM fan 80x80x15mm.	MSC C6C-FANKIT-01-HSF-001
<b>Memory Options</b>		
97208	16GB DDR5-4800 SO-DIMM	MOD SODIMM DDR5 16GB PC5-38400 CL22 1B
97209	32GB DDR5-4800 SO-DIMM	MOD SODIMM DDR5 32GB PC5-38400 CL22 2B
97207	8GB DDR5-4800 SO-DIMM	MOD SODIMM DDR5 8GB PC5-38400 CL22 1B

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