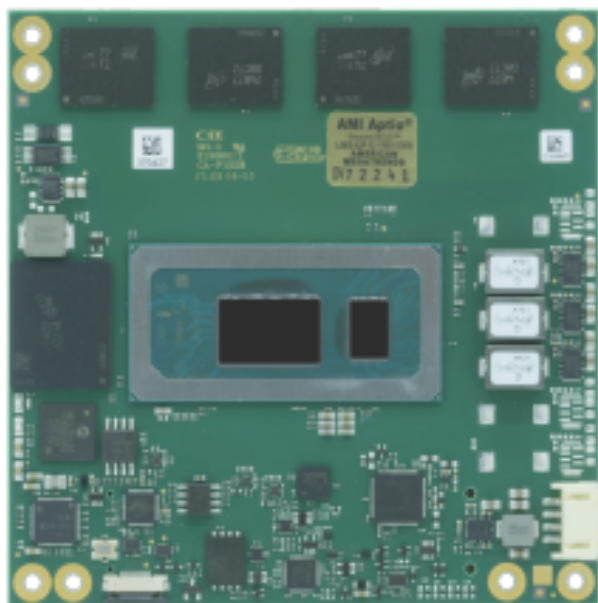


TRIA C6C-RLP

Intel® Core™ 13th Generation



95 x 95

22 / 49 W

-40 - +85°C

COM 
Express



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)
- LPDDR5 main memory, up to 6000 MT/s, memory-down, up to 64GB
- In-band ECC option
- Intel® Iris® Xe architecture Graphics, up to 96 EUs
- Three DisplayPort/HDMI interfaces
- LVDS and Embedded DisplayPort interface
- Up to four independent displays
- Up to eight PCI Express® Gen 3 lanes, flexible bifurcation options
- PCI Express® Gen 4, up to 2x4
- Optional PEG port, PCI Express® Gen 4, 1x8
- Up to two USB4, four USB 3.2 Gen1/2 and eight USB 2.0 ports
- Two UARTs
- Optional on-board NVMe SSD, up to 256GB
- Up to 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

Technology	x86
Formfactor	COM Express Compact
CPU	13th Gen Intel® Core™ processors H-series 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, IBEC, 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, IBEC, 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, IBEC, ET P-series 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, IBEC, 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, IBEC, 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, IBEC, ET U-series 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, IBEC, 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, IBEC, 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, IBEC, ET Intel® Processor U300E 1P+4E/6T, 1.1GHz, 48 EUs, 8MB L3, 15/12W cTDP Note: P core base frequency at nominal TDP shown, other clock frequencies supported
Chipset	Integrated into SoC
RAM	LPDDR5 memory, up to 6000 MT/s; memory-down Capacity options: 4GB, 8GB, 16GB, 32GB, 64GB
Storage Interfaces	Up to 2x SATA channels (up to 6Gb/s) Optional on-board NVMe, 128GB, 256GB
USB	Up to 2x USB4 Gen 2, shared with DDI1/2 4x USB 3.2 (Gen 1 & 2) 8x USB 2.0 Note: capabilities depending on carrier design
Serial Interfaces	2x high-speed serial ports
Bus Interfaces	PCI Express® Gen 4, 1x4, on COMe PCIe[16:19] PCI Express® Gen 4, 1x4, on COMe PCIe[20:23], optional PCI Express® Gen 4, 1x8, on COMe PCIe[24:31], PEG port, optional¹ Up to eight PCI Express® Gen 3 lanes, flexible bifurcation options, up to 5 root ports LPC bus (Low Pin Count bus, no DMA support) ¹ Available on H-series processors
Display Controller	Intel® Iris® Xe architecture Graphics, Up to 96 execution units (EU) H.264/AVC, H.265/HEVC, AV1, MJPEG encode/decode/transcode

COM Express Type 6



Display Interfaces	Four independent displays supported 3x Digital Display Interface (DP 1.4a, HDMI 2.0b) 1x Embedded DisplayPort 1.4b 1x LVDS 24bit, dual-channel;
Network Interface	10/100/1000Base-TX, 2.5G ² based on Intel i226, with TSN support ² Available bandwidths depending on carrier design I-Temp variants: Intel® i226-IT C-Temp variants: Intel® i226-LM
Audio Interface	High Definition Audio
Security Device	TPM 2.0
Miscellaneous	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
Feature Highlights	Type 6 pin-out
Firmware	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 Tria Adv. Boot Device Selection: Boot device priority setting based on physical interfaces
OS Support	Windows 11 IoT Enterprise LTSC 2024 BSP for Linux (Yocto)
Power Requirement	Voltage: +8.5V to +20V, +5V Stby optional Power Consumption: 22 W to 49 W (typ., variant dependent)
Environment	Ambient Temperature: 0° ... 60°C (operating) -25° ... 85°C (storage) Extended temp. variants: -40 ... +85°C (operating) Humidity: 5 ... 95% (operating, non-condensing), 5 ... 95% (storage, non-condensing)
Dimensions	95mm x 95mm

Technical Data for TRIA C6C-RLP

Order Reference

Order No.	Description	Reference	Status*
98029	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i7-13800HE 14C/20T, vPro, 1.8GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-13800HE-4N301C PCBFTX	OR
98017	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i5-13600HE 12C/16T, vPro, 1.9GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-13600HE-4N301C PCBFTX	OR
98015	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i5-13600HE 12C/16T, vPro, 1.9GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-13600HE-3N301C PCBFTX	OR
97999	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-13300HE 8C/12T, 1.2GHz, 35W cTDP; Graphics: Intel® UHD 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-13300HE-3N301C PCBFTX	OR
98025	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1370PE-4N301C PCBFTX	OR
98005	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i5-1340PE 12C/16T, 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1340PE-3N301C PCBFTX	OR
97995	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1320PE 8C/12T, 1.7GHz, 28/20W cTDP; Graphics: Intel® UHD 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1320PE-3N301C PCBFTX	OR
98021	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1365UE-3N301C PCBFTX	OR

COM Express Type 6



Order No.	Description	Reference	Status*
114282	COM Express Type 6 Compact module (95mm 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 2x4, PCIe Gen 3 6x; 16GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1345UE-4N331C PCBFTX	PV
98007	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1345UE-4N301C PCBFTX	OR
98003	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; 0...+60°C.	MSC C6C- RLP-1335UE-3N301C PCBFTX	OR
117925	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1315UE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD 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 2x4, PCIe Gen 3 6x; 16GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C- RLP-1315UE-4N331C PCBFTX	OR
117927	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1315UE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD 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 2x4, PCIe Gen 3 6x; 8GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C- RLP-1315UE-3N331C PCBFTX	OR
97991	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1315UE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD 64 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C- RLP-1315UE-3N301C PCBFTX	OR
117929	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel Processor U300E 5C/6T, 1.1GHz, 15/12W cTDP; Graphics: Intel® UHD 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 2x4, PCIe Gen 3 6x; 16GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C-RLP- U300E-4N331C PCBFTX	OR
98035	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel Processor U300E 5C/6T, 1.1GHz, 15/12W cTDP; Graphics: Intel® UHD 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 2x4, PCIe Gen 3 6x; 8GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C-RLP- U300E-3N331C PCBFTX	OR
122287	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel Processor U300E 5C/6T, 1.1GHz, 15/12W cTDP; Graphics: Intel® UHD 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-LM Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-5200 memory; 0...+60°C.	MSC C6C-RLP- U300E-3N301C PCBFTX	OR

COM Express Type 6



Order No.	Description	Reference	Status*
118017	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i7-13800HRE 14C/20T, vPro, 1.8GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 64GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-13800HRE-6N301I PCBFTX	OR
118015	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i5-13600HRE 12C/16T, vPro, 1.9GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 64GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-13600HRE-6N301I PCBFTX	OR
98019	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i5-13600HRE 12C/16T, vPro, 1.9GHz, 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; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-13600HRE-4N301I PCBFTX	OR
98001	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-13300HRE 8C/12T, 1.2GHz, 35W cTDP; Graphics: Intel® UHD 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PEG x8 Gen 4, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-13300HRE-3N301I PCBFTX	OR
98027	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1370PRE-4N301I PCBFTX	OR
98013	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 16GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1350PRE-4N301I PCBFTX	PV
97997	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1320PRE 8C/12T, 1.7GHz, 28/20W cTDP; Graphics: Intel® UHD 48 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1320PRE-3N301I PCBFTX	OR
120428	COM Express Type 6 Compact module (95mm 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 2x4, PCIe Gen 3 6x; 16GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1365URE-4N331I PCBFTX	OR
98023	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1365URE-3N301I PCBFTX	OR

COM Express Type 6



Order No.	Description	Reference	Status*
119716	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 32GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1345URE-5N301I PCBFTX	OR
98009	COM Express Type 6 Compact module (95mm 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; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-6000 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1345URE-3N301I PCBFTX	PV
115380	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1315URE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD 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 2x4, PCIe Gen 3 6x; 16GB LPDDR5-5200 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1315URE-4N331I PCBFTX	PV
97993	COM Express Type 6 Compact module (95mm x 95mm); CPU: Intel i3-1315URE 6C/8T, 1.2GHz, 15/12W cTDP; Graphics: Intel® UHD 64 EUs; 3x DP/HDMI; 1x LVDS; 1x eDP; Ethernet: Intel i226-IT Gbit, TSN; HD audio; TPM 2.0; 4x USB3, 8x USB2, PCIe Gen 4 2x4, PCIe Gen 3 8x; 8GB LPDDR5-5200 memory; -40...+85°C, recommended for 24/7 operation.	MSC C6C- RLP-1315URE-3N301I PCBFTX	PV

Ordering Information for TRIA C6C-RLP *PV = Preferred variant; OR = on Request (in OEM quantities only)

Accessories

Carrier Boards

Order No.	Description	Reference
111650	COM Express Type 6 Evaluation Carrier Board with various PCI Express x1, x4 and x16 slots, USB 3.0/2.0, GbE, M.2, SD card socket, SATA, DisplayPort, LVDS, eDP, VGA, HD audio interfaces; ATX power connector. Dimensions: 305 x 244 mm (ATX form factor)	MSC C6-MB-EV4 PCBFTX
119830	COM Express Type 6 Evaluation Carrier Board with PCI Express x4 and x16 slots, USB 3.0/2.0, USB4 Type-C, GbE, M.2, SATA, DisplayPort, LVDS, eDP; ATX power connector. Dimensions: 170 x 170 mm (Mini-ITX form factor)	MSC C6-MB-EV4M BRDFTX

Carrier Boards TRIA C6-MB-EV4/EV4M

Cooling Solutions

Order No.	Description	Reference
96413	Passive Heatsink for C6C-ALP and C6C-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 major devices.	MSC C6C-ALP-01 HSI-001
96414	Passive Heatsink / heat pipe for C6C-ALP and C6C-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 major devices.	MSC C6C-ALP-01 HSI-HP-001
96415	Heatspreader for C6C-ALP and C6C-RLP. Single-piece aluminum profile, standoffs without thread (2.7mm inner diameter), screws and thermopads for the thermal contact to major devices.	MSC C6C-ALP-01 HSP-001
96416	Heatspreader / heat pipe for C6C-ALP and C6C-RLP. Single-piece aluminum profile with embedded heat pipe, standoffs without thread (2.7mm inner diameter), screws and thermopad for the thermal contact to major devices.	MSC C6C-ALP-01 HSP-HP-001
96417	Heatspreader for C6C-ALP and C6C-RLP. Single-piece aluminum profile, standoffs with M2.5 thread, screws and thermopads for the thermal contact to major devices.	MSC C6C-ALP-02 HSP-001

Cooling Devices for TRIA C6C-ALP/RLP

Order No.	Description	Reference
79809	Fan kit for Heatsink MSC HCA-ALP/RLP/MLH/PLH-0x HSI-xxx, MSC C6B-TLH/ALP/RLP/MLH-0x HSI-xxx, MSC C6C-WLU/TLU/ALP/RLP/PLH-0x HSI-xxx, MSC C6C-EL/ALN/ASL-0x HSI-xxx, MSC C6C-RYZx-0x HSI-xxx, PWM fan 80x80x15mm.	MSC C6C-FANKIT-01-HSF-001

Fan Kit for COM Express Heatsinks

COM Express Type 6



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