



SXoM CBS2 eNUC 1 Embedded NUC SMARC 2.0 carrier board



- + Carrier Board for SMARC 2.0 modules
- + FMC extension slot
- + M.2 slot (B+M type) with PCIe x4
- + microSD card slot
- + USB interface
- + Gigabit Ethernet interface
- + Expansion interface for additional high-speed lines from selected SMARC modules (8 Tx, 8 Rx), e.g., the upcoming SXoM MS2-ZU
- + 9 – 36 VDC in; 80 W power supply
- + PCB based on embedded NUC (eNUC) standard
- + Compatible with ARINC 836 A form factor
- + Operating temperature -10 to +60 °C
out of housing, ext. temperature -20 to +85 °C on request
- + Accessories available on request: M.2 SSD

The SXoM CBS2 eNUC 1 is a universal carrier board for SMARC 2.0 modules.

The board provides USB and Gigabit Ethernet interfaces and an M.2 slot (B+M type). An FMC extension slot enables the connection of an application-specific I/O board to take advantage of the flexibility offered by CPU+FPGA modules like the Solectrix SXoM MS2-K7 or the upcoming SXoM MS2-ZU. The PCB is based on the embedded NUC (eNUC) standard and compatible with the ARINC 836A (miniMRP) form factor. It was designed for use in aviation applications.

Art. No. 500763

SXoM EDC eNUC 1 Embedded NUC power supply board



- + DC/DC module Vicor 500 W
- + Input 270 VDC typ
- + Output 4× 28 V @ 4 A max
- + Output over-/undercurrent protection
- + Configurable output power sequencing
- + Power management monitor over Gigabit Ethernet
- + PCB based on embedded NUC (eNUC) standard
- + Compatible with ARINC 836A form factor
- + Operating temperature -10 to +50 °C
out of housing, ext. temperature -20 to +85 °C on request

The SXoM EDC eNUC 1 is a power supply board.

The PCB is based on the embedded NUC (eNUC) standard and compatible with the ARINC 836A (miniMRP) form factor.

Art. No. 500764

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