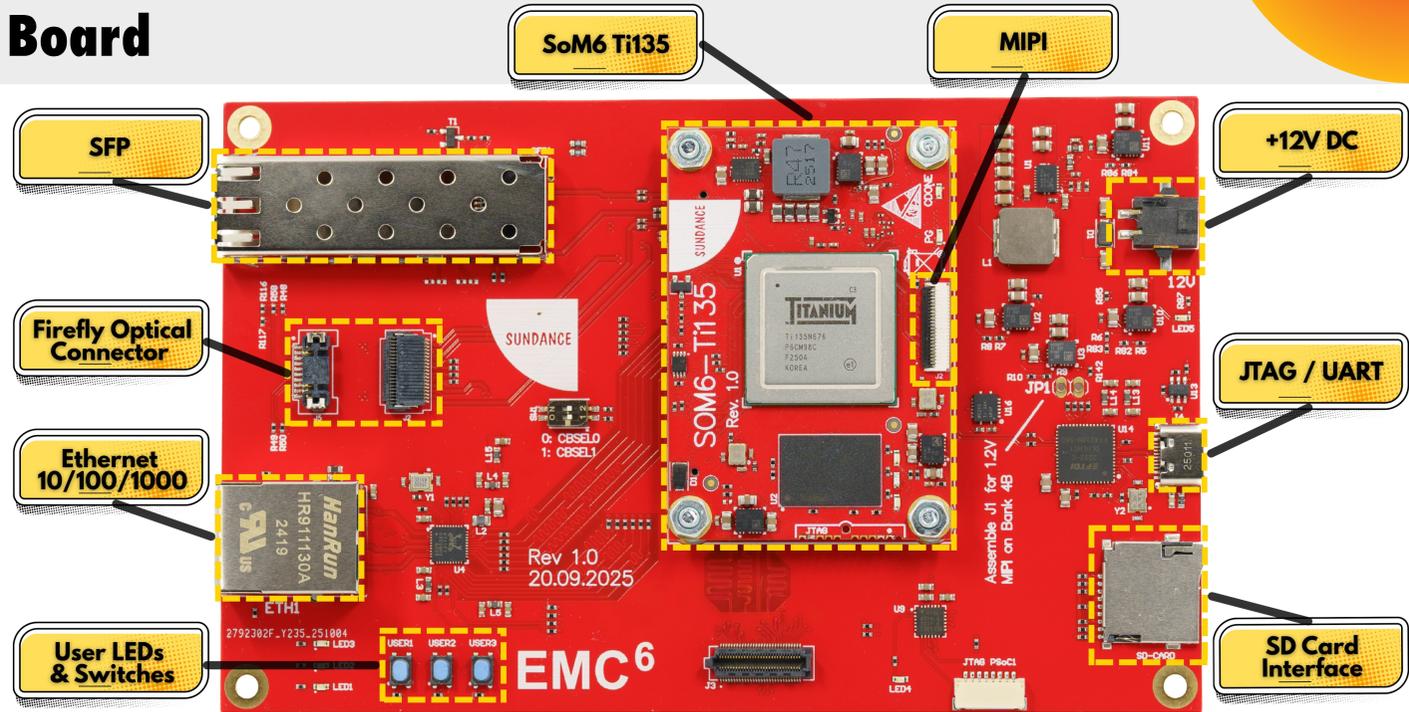
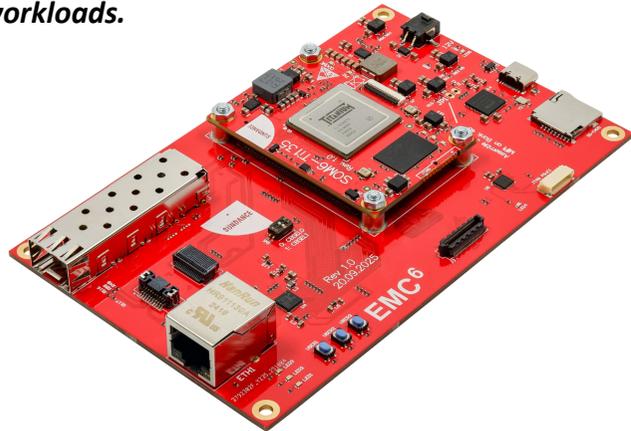


# Sundance Multiprocessor Technology Ltd.

## SMT135-C - Ti135 Evaluation Board

SUNDANCE

An Efinix Titanium Ti135 Evaluation Board for edge computing, real-time control, and vision-centric workloads.



Interface	Description
RJ45	10/100/1000 Ethernet Interface
SFPK-SL-TR	SFP Interface
USB-C	JTAG and UART via FTDI for the Ti135 FPGA
Firefly PCUO	For Mid-Board Optical Interface
SS4-30-3.00-L-D-K-T-R	8-Lane MIPI TX & RX
TE 2-1445057-2	12V Power Connector
Operating Voltage	12V DC
Supply Current (Running DDR Memory Test)	320mA
Total mass	100g



[store.sundance.com/SMT135-C](https://store.sundance.com/SMT135-C)

The SMT135-C Evaluation Board is based on a SoM6 Ti135, a compact, low-power System-on-Module (SoM) built around the Efinix Titanium Ti135 FPGA, in the high-density N676 package.

Designed for advanced embedded applications requiring performance, flexibility, and energy efficiency, the SoM6 Ti135 integrates a rich set of modern features in a form factor that emphasises modularity and interoperability.

The SMT135-C expands on the SoM6's functionality by providing a range of additional I/O options, including a Gigabit Ethernet Interface, SFP Interface, Samtec FireFly Mid-Board Optical Transceiver, SD Card Interface, and the option for 8-Lane MIPI TX and RX operation.

Key SoM Processing and Fabric Features - at the core of the SoM is the Efinix Ti135 FPGA, fabricated on a TSMC 16nm process and featuring the Quantum™ compute fabric.

This fabric includes:

- Up to 129,600 logic elements using eXchangeable Logic and Routing (XLR) cells
- 960 blocks of 10-kbit SRAM (totalling ~9.83 Mbits)
- 480 DSP blocks supporting integer and BFLOAT16 computations
- A quad-core hardened RISC-V processor with full support for RV32IMACFD extensions

These features combine to make the SMT135-C a strong candidate for edge computing, real-time control, and vision-centric workloads.