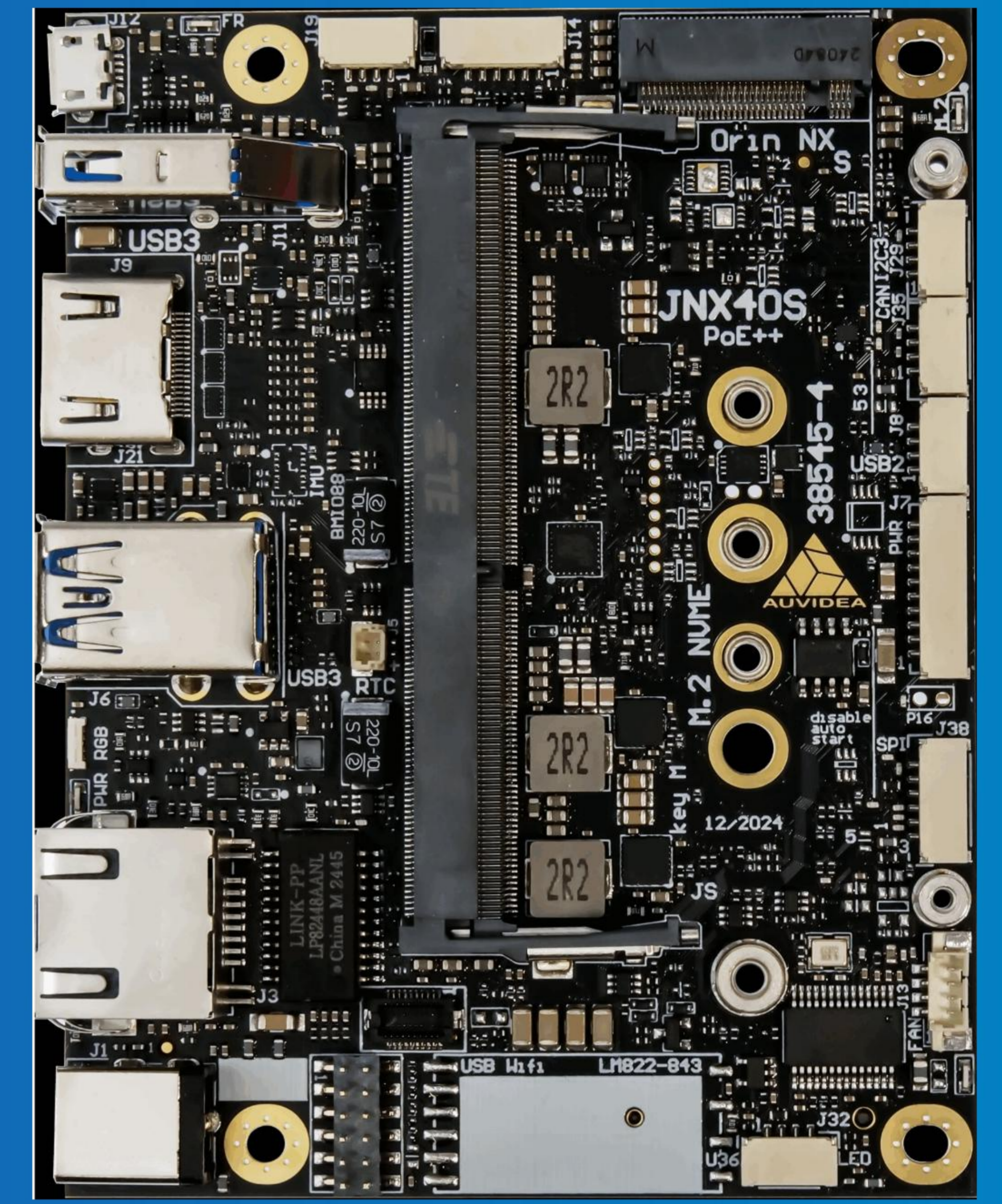


CARRIER BOARDS

JNX40S, JNX41S

The JNX40S board is designed for the high-performance mode (Super Mode) of the NVIDIA Jetson Orin Nano and NVIDIA Jetson Orin NX, available with JetPack 6.2.

The primary difference between the variants lies in the CSI-2 interface: while the JNX41S features 2× 4-lane CSI-2 ports, enabling additional GPIO resources (2× native or up to 7× via GPIO expander), the JNX40S offers 4× 2-lane CSI-2 ports.



✓ **JETSON ORIN/NANO NX**

✓ **MCU / Watchdog**

✓ **DESIGNED IN GERMANY**

TECHNICAL SPECIFICATIONS

ETHERNET	1 x 1GbE
USB 3.x PORTS	3 x 3.2
USB 2.0	1 x
CSI_2 PORTS	4 x 2 Lane (JNX40S), 2 x 4 Lane (JNX41S)
M.2 KEY M NVMe	1 x 2280
M.2 KEY E (WIFI / GPS)	✓
M.2KEY B (LTE)	✓
PCIe EXPANSION	1 x
HDMI	1 x 2.0 (4k60)
CAN	1 x
UART	1 x
I2C / I2S / SPI	✓ / ✓ / ✓
SIM CARD	2 x Dual-Nano
MCU / WATCHDOG	✓
CRYPTO CHIP	opt.
AUTOFLASHING	no
RTC BATTERY	CR2032
WIFI ONBOARD	opt. LM module
SIZE	80mm x 104mm
POWER SUPPLY	12V