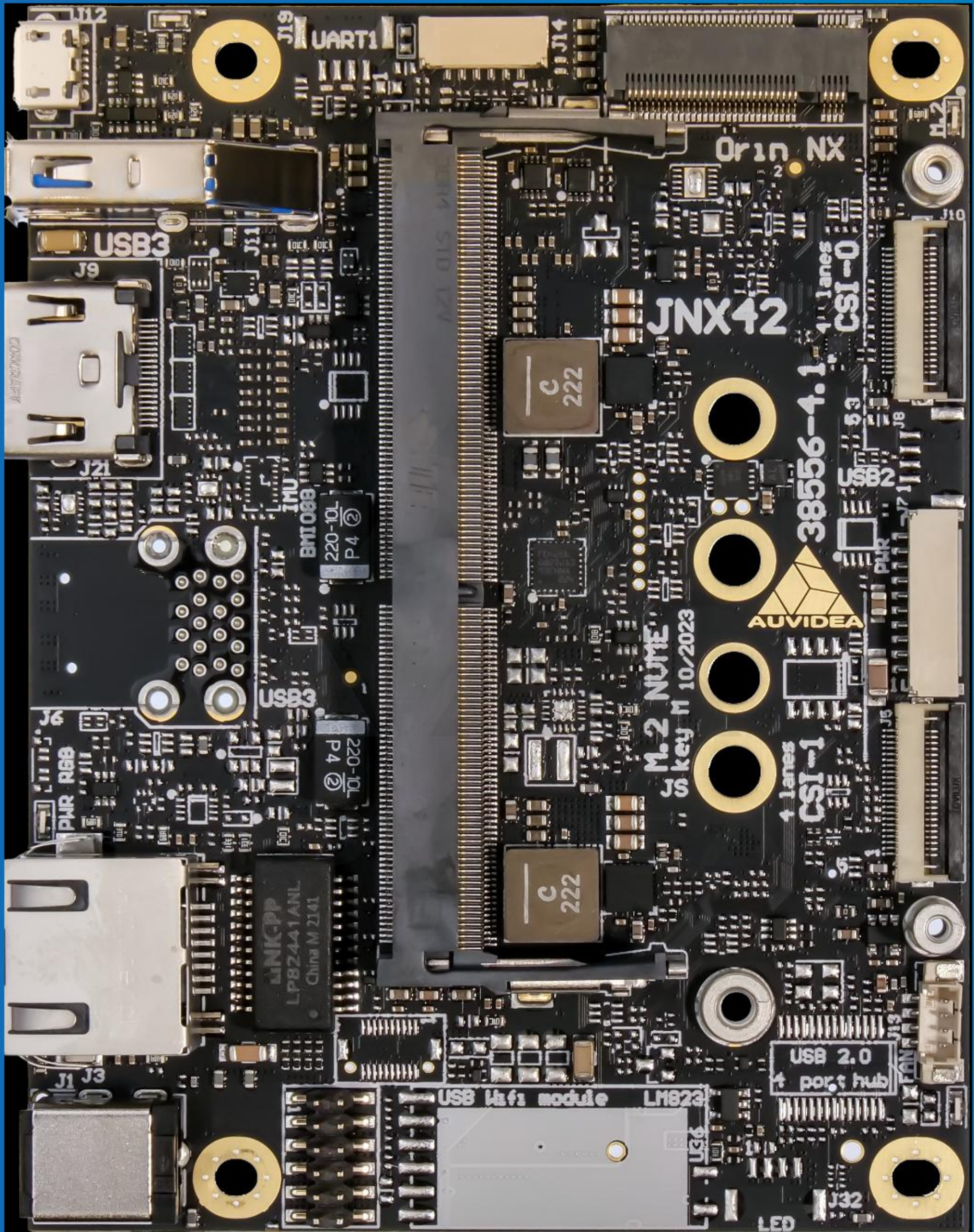


CARRIER BOARDS

JNX42

The JNX42 is a compact carrier board for the NVIDIA Jetson Orin Nano and Orin NX modules. When using the NVIDIA Jetson Orin NX module, a total of 3× USB 3.0 Type-A ports are available. Additionally, it features an M.2 slot for NVMe drives as well as 2× MIPI CSI-2 (4-lane) for connecting two cameras.



- ✓

JETSON ORIN/NANO NX
- ✓

MCU / Watchdog
- ✓

DESIGNED IN GERMANY

TECHNICAL SPECIFICATIONS

ETHERNET	1 x 1GbE
USB 3.x PORTS	3 x (ORIN) 1 x 3.0 2 x
USB 2.0	1 x Micro OTG
CSI_2 PORTS	2 x 4-Lane
M.2 KEY M NVMe	1 x 2280
M.2 KEY E (WIFI / GPS)	✓
M.2KEY B (LTE)	✓
PCIe EXPANSION	x1 FPC (ORIN NX only)
HDMI	1 x 2.0 (4k60)
CAN	1 x (TJA1051)
UART	2 x (1x when using LTE module)
I2C / I2S / SPI	3x (3,3V) / 1x (1,8V) / 1x (1,8V)
SIM CARD	2 x Nano
MCU / WATCHDOG	✓
CRYPTO CHIP	opt.
AUTOFLASHING	no
RTC BATTERY	opt.
WIFI ONBOARD	opt. LM823
SIZE	80mm x 104.6mm
POWER SUPPLY	12V (12V - 48V with expansion board)