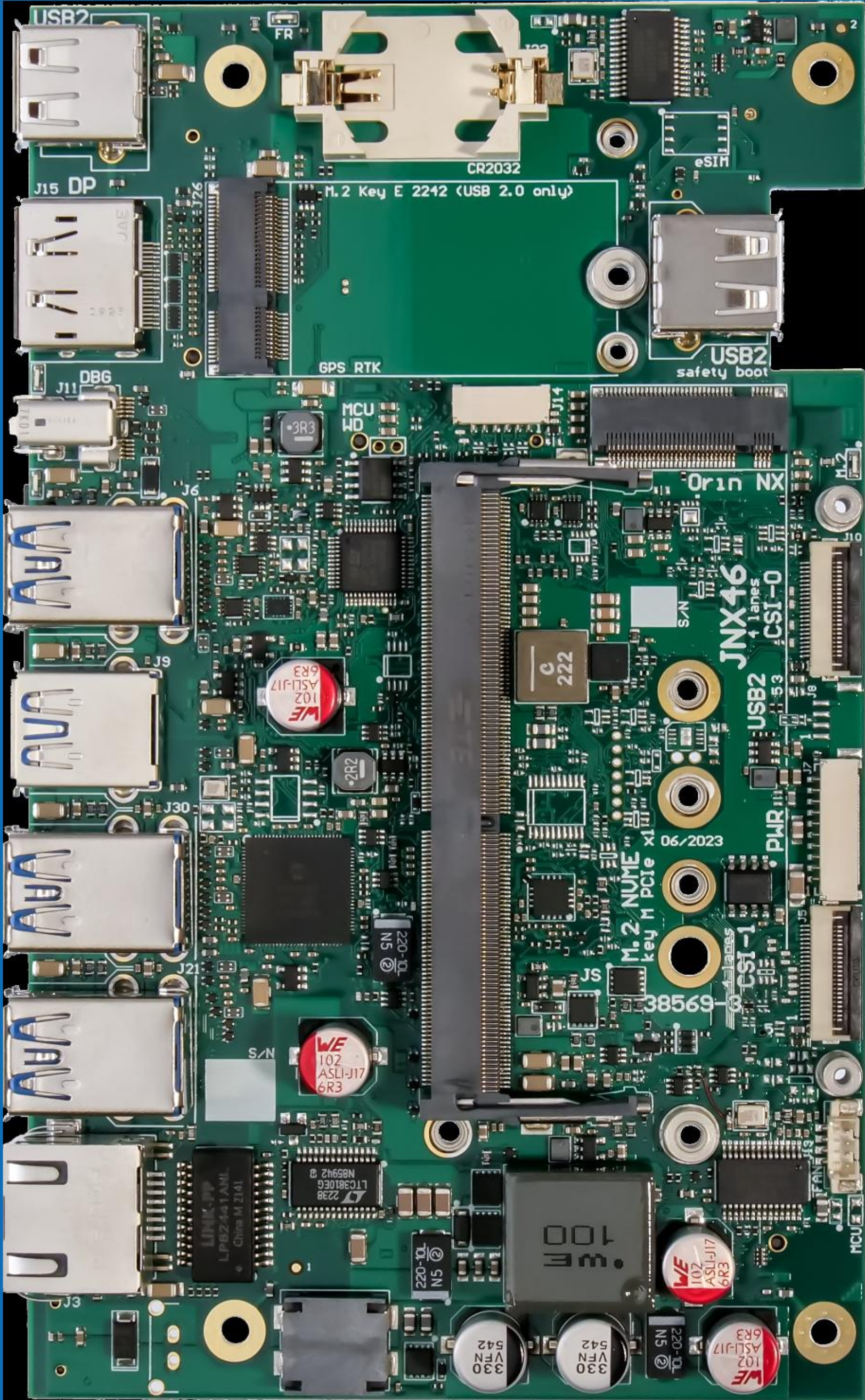


CARRIER BOARDS

JNX46

The JNX46 board is based on the JNX45 and adopts the form factor design of the JNX44 (158 mm × 94.7 mm). It features an optimized power supply input circuit, a service interface, and an internal USB 2.0 Type-A port for an optional MCU-controlled secure boot device. Thus, the JNX46 board significantly expands the platform



- ✓

JETSON ORIN/NANO NX
- ✓

7 x USB 3.0
- ✓

DESIGNED IN GERMANY

TECHNICAL SPEZIFICATION

ETHERNET	1 x 1GbE
USB 3.x PORTS	7 x (2 + 5 HUB)
USB 2.0	Micro + 4p Hub
CSI_2 PORTS	2 x 4-Lane
M.2 KEY M NVMe	2× (PCIe x4 primär + PCIe x1 Backup)
M.2 KEY E (WIFI / GPS)	✓
M.2KEY B (LTE)	1 x mPCIe
PCIe EXPANSION	1 x mPCIe
HDMI	1 x 2.0 + Display<Port
CAN / RS485 / GPIO	1 x / 1 x / 4 x IN & 2 x OUT
UART	2x UARTs (Jetson debug console and MCU console)
I2C / I2S / SPI	✓ / ✓ / ✓
SIM CARD	Nano or eSIM
MCU / WATCHDOG	1 x
CRYPTO CHIP	opt.
AUTOFLASHING	no
RTC BATTERY	CR2032
WIFI ONBOARD	opt.
SIZE	158mm x 94.7mm
POWER SUPPLY	12V - 30V