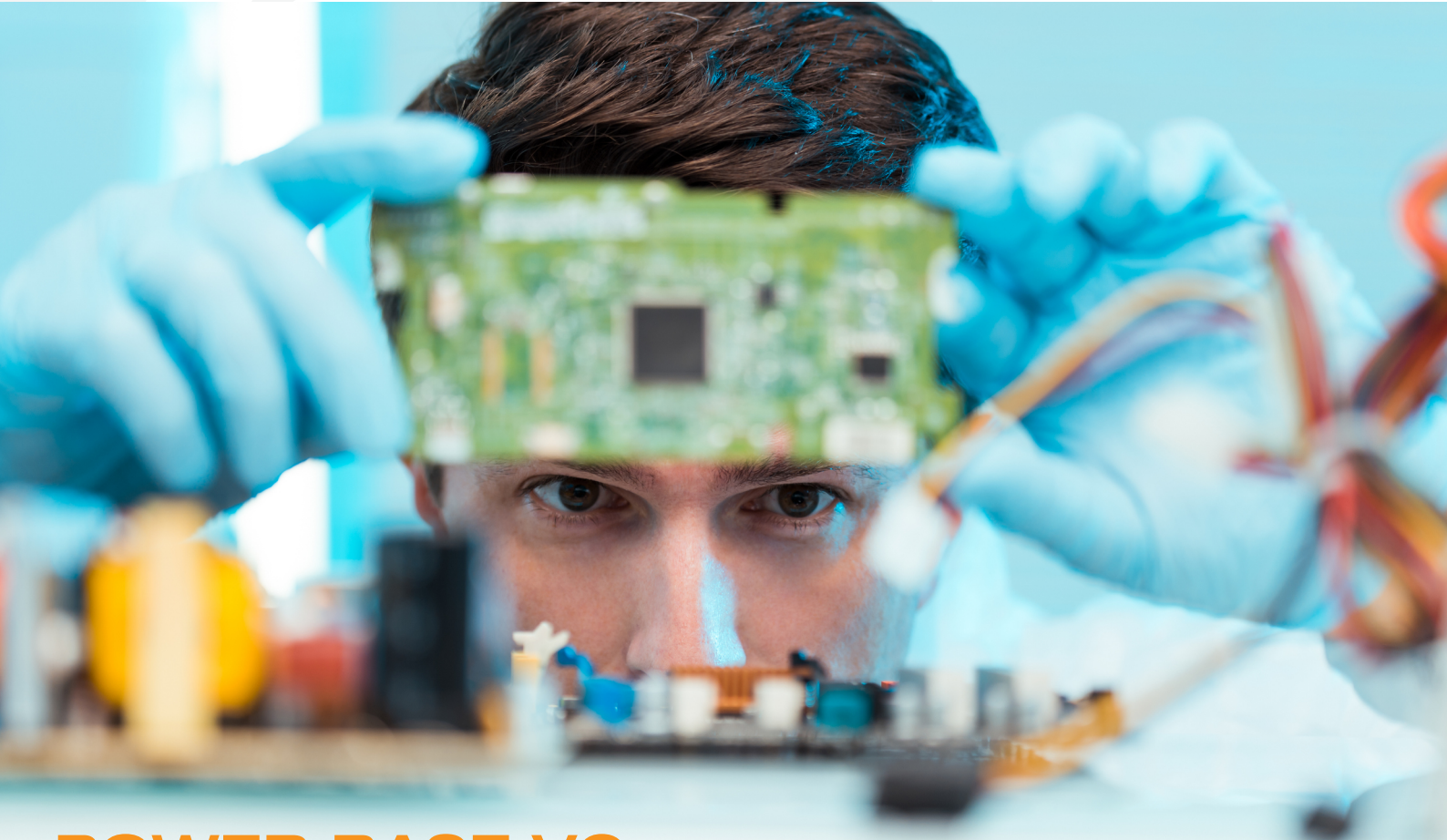




POWER BASE VC

Leistungsstarke Embedded Platform

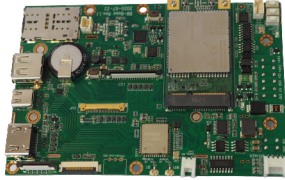
- High performance CPU RK3399 (Dual Core Cortex-A72 + Quad Core Cortex-A53)
- 3D Engine Arm (C) Mail-T860MP4
- 4 GB RAM
- 8 GB eMMC Storage
- Power supply from 12V - 48V
- OS Debian 9 / Debian 10(*) / Yocto(*) (*= on demand)
- Passive cooling (depending on CPU load)
- SD-Card
- Wifi 802.11b/g/n/ac
- Bluetooth 4.1
- CAN FD connectivity
- NFC transceiver (on board or optional)
- mPCIe socket for GSM Module (e.g. Quectel 4G modem) + support for 2FF Sim-Cards
- 1-2 Gbit Ethernet (via mPCIe)
- HDMI 2.0a (4K@60Hz, HDCP 1.4/2.2)
- eDP 1.3 (4-Lane)

- Display touch panel input
- MIPI
- USB Type-C (support DP1.2)
- USB 2.1
- Audio microphone (MEMS) / speaker + amplifier 5W
- Switchable 12V out (12 W)
- Switchable 5V out (10 W)
- Enhancement Port (I/O, USB, PWR via FPC) for peripheral boards
- Maintenance free (e.g. no RTC backup coin-cell which need to be replaced in time)
- Optional Remote management option (Remote management backend incl. API)
- Dimensions: 124x85x23mm

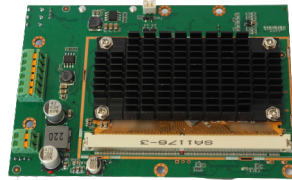
POWER BASE VC

LEISTUNGSSTARKE EMBEDDED PLATFORM

PART#: 10000968A1



Power Base VC_Bottom



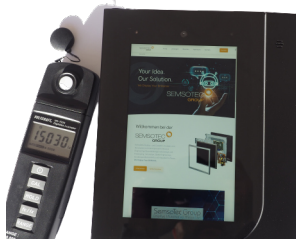
Power Base VC_Top



Power Base VC_Connector

APPLICATIONS

- Industrial machine control / automation
(e.g. control terminal, sensor readout, motion control)
- Edge computing
(e.g. video analysis or pre-processing, data aggregation)
- Video source for digital signage
(e.g. stream-processing, proximity detection)
- Kiosk applications
(e.g. EV-Charging stations, payment terminals, virtual guide)
- Data hub / gateway
(e.g. collect via Wifi/BT/Zigbee transmit via LTE)
- Real estate terminal
(e.g. entrance, meeting-room, intercom)



Optional

- 7" high brightness MIPI display with multitouch
- Full stack and bonding according your requirements
- Several other displays on request

Part# 10000968A1 03.12.2021