

Press Release

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Power Base VC

Powerful embedded platform

SemsoTec announces Power Base VC, a high-performance embedded platform.

The Power Base VC is based on Rockchip's RK3399 CPU and is designed for high-performance computing in industrial embedded applications. The platform is equipped with a Dual Core Cortex-A72 and a Quad Core Cortex-A53 as well as a 3D graphics engine Arm (C) Mail-T860MP4. Memory starting at 4GB and various flash memory configurations are available.

The Power Base VC features Wifi 802.11b/g/n/ac, Bluetooth 4.1, HDMI 2.0a, eDP 1.3, MIPI, USB Type-C, USB2.1 and more. The embedded platform offers CAN FD connectivity, NFC transceiver and mPCIe socket for GSM modules, supports passive cooling and offers a wide supply voltage range from 12 to 48 volts.

Operating systems supported are Debian 9 or, if required, Yocto or Debian 10.

The Power Base VC has a size of 124x85x23mm.

In addition to the Power Base VC, a high-resolution 7" sunlight-readable MIPI display with multi-touch is available.

The Power Base VC is ideal for use in industrial machine control (e.g. control terminal, sensor readout, motion control), edge computing (e.g. video analysis or pre-processing, data aggregation), video source for digital signage, kiosk applications, gateways or smart home applications.

For further information please visit:

<https://semsotec.de/de/produkte/electronics.html>

picture: ~~4K-Displays~~ Power Base VC -SemsoTec.jpg

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The SemsoTec Group covers the entire value chain for infotainment displays and control units - from prototypes to series production. In addition, another area of expertise is the development and realization of interior & body concepts.

Innovative technologies are individually manufactured and provided according to the wishes and needs of our customers.

In the field of Display & Infotainment SemsoTec offers specific know-how, electronic design and developments specifically designed for the physical characteristics of LCD TFT displays as well as state-of-the-art technologies such as touch, handwriting recognition, foil lamination and optical bonding. These technologies are key factors for high performance levels in demanding areas such as applications that can be read despite strong sunlight. We are specialists in high-quality displays with embedded software and hardware solutions for automotive and industrial applications.

Among other things, our focus is on display-based system solutions with their respective HMI operating concepts, where quality and safety as well as innovative technology and "Made in Germany" are of utmost importance to SemsoTec.

The Interior & Body division has set itself the goal of making mobility faster, lighter and more dynamic. Engineering covers the areas of lightweight vehicle construction, structures and vehicle dynamics.