

OS CONFIGURATION & SYSTEM SOFTWARE

FACT SHEET

ABOUT THE MODULAR COMPUTER PRODUCTS BY PRIME CUBE®

From the BIOS/UEFI level and operating system configurations (Windows 10 IoT and Linux Debian 10 64 bit) to the middleware we implement the individual requirements of different industrial applications with our box and panel PCs by Prime Cube® and advise along the complete process.



BASE

Quick and easy standard in operating systems and standard software.



STYLE

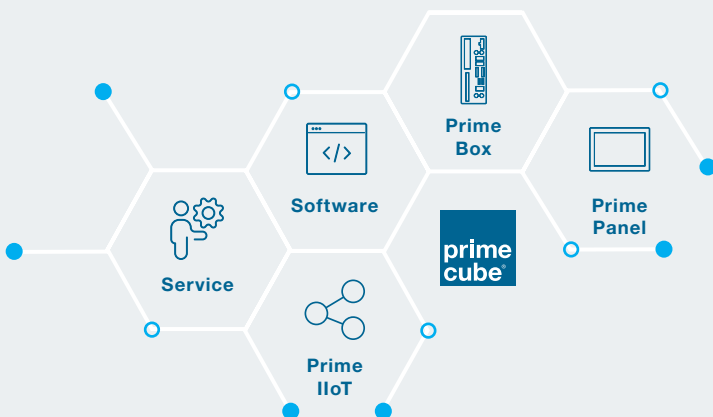
Ideal work preparation by individual operating system and BIOS/UEFI configuration.



CUSTOM

Efficient overall solutions by customized software development and software integration.

THE MODULAR SYSTEM PRIME CUBE®



Modular

Customized solutions of industrial computer technology with all advantages of standard products: Validated platforms, short development process, optimum price-performance ratio.



High Quality

For 24/7 operation in an industrial environment. Reliable and robust. Long-term available (10 years), with 36 months warranty.



Application-oriented & Customizable

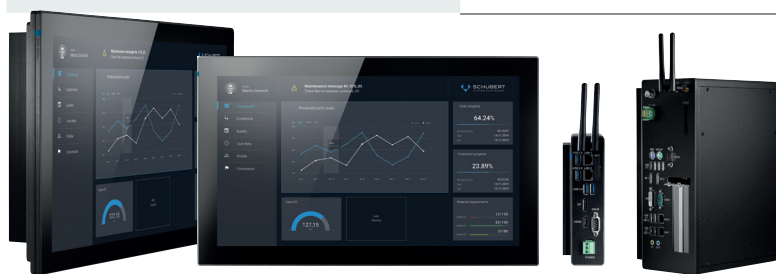
BASE / STYLE / CUSTOM

We are your partner in the complete solution process of industrial computer technology.

From sensor application to tool monitoring in the machine and from embedded computing systems to a future-oriented IoT gateway concept we represent all product steps with our product brands Prime Cube® and BK Mikro®. At our headquarters in Neuhausen ob Eck (Baden-Württemberg) we develop and manufacture with appr. 170 employees customized computer systems: from hardware and software to assemblies and complete systems – innovative force "Made in Germany".



MODEL	WINDOWS 10 IOT	LINUX
Operating System	<ul style="list-style-type: none"> Windows 10 IoT Enterprise 2019 LTSC. 	<ul style="list-style-type: none"> Embedded distribution based on Debian 10 64 bit. Optimized for stability and data security.
BASE	Quick and easy standard for your solution.	
Basic Configuration	<ul style="list-style-type: none"> Boot with Prime Cube® logo Auto login with user administrator without password protection. Inactive write protection. Standard browser Internet Explorer 11. One system partition. Language packs installed: German and English. System language: English. Regional setting: German. 	<ul style="list-style-type: none"> Boot with Prime Cube® logo X-Terminal as standard application. Auto login with user root without password protection. Read only file system. One system partition. System language: English. Selected Debian packages pre-installed. Package manager deactivated. DHCP active for all network interfaces. VNC server active. Kernel optimized for hardware.
Software	<ul style="list-style-type: none"> Service tool „Prime-Tool-Set“ pre-installed. No further software packages pre-installed. Self-contained .Net 5.0 apps can be executed. 	<ul style="list-style-type: none"> Service tool „Prime-Tool-Set“ pre-installed. Execution of Phyton scripts v 3.7 and self-contained .Net-5.0 applications possible. Access options from other systems via VNC and SSH.
	Activated Features: <ul style="list-style-type: none"> A list of activated features is available on request. 	Debian Packages Installed: <ul style="list-style-type: none"> A list of pre-installed packages is available on request.
STYLE	Ideal work preparation by pre-configured software.	
	<ul style="list-style-type: none"> All systems are delivered with customized pre-configured software. 	
BIOS-/UEFI-Configuration	<ul style="list-style-type: none"> Boot with customer logo BIOS/UEFI default settings acc. customer requirement. 	<ul style="list-style-type: none"> Boot with customer logo BIOS/UEFI default settings acc. customer requirement.
OS Configuration	Adaptation of basic configuration acc. customer requirement. Optional Configuration: <ul style="list-style-type: none"> Configure users. Define passwords. Set time/time zone. Partition hard disk. Adapt lock screen. Remove buttons. ... 	Adaptation of basic configuration acc. customer requirement. Optional Configuration: <ul style="list-style-type: none"> Configure users. Define passwords. Set time/time zone. Partition hard disk. Adaptations of color and logo. Installation of language packs.
Integration of standard software, features or packages	Optional Features: <ul style="list-style-type: none"> Custom shell (kiosk mode). Integration Microsoft Edge. Installation of language packs Adobe Reader. ... 	Optional Packages: <ul style="list-style-type: none"> Integration of stable Debian, Prime Cube® or customer packages as desired. The integration & administration is performed via local servers. ...
CUSTOM	Efficient overall solution by customized software.	
OS Development	<ul style="list-style-type: none"> Comprehensive adaptations in BIOS/UEFI and operating system. Implementation of customer or third-party software. Integration by Schubert System Elektronik or the customer. 	<ul style="list-style-type: none"> Comprehensive BIOS/UEFI adaptations. Complete package development. LINUX kernel adaptation and development. Individually adapted LINUX based on buildroot. Implementation of customer or third-party software. Integration by Schubert System Elektronik or the customer.



PRIME CUBE® – Modular computer systems for industry, machine-building, automation, and more.



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