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| + 70 °C - 20 °C | RTC + BATTERY | Twist-Lock DC 10-24V | PoE DEVICE MODE | ARM A7 2C 1GHz | Cortex M4 200 MHz | HDMI 1x DVI |
| WiFi 802.11 bgn | IEC 61131-3 2x PLC | | | | Linux Debian 32-bit | MODBUS RTU MASTER + SLAVE |
| Bluetooth 4.1 BLE | WSGI HTTP-Server | | | | OPC-UA Server | MODBUS TCP MASTER + SLAVE |
| RJ 45 2x LAN | Type A 4x USB 2.0 | RJ 11 1x RS 485 | M8 4x RS 485 | M8 4x PS-DC24V | micro-USB Console | IO-Header GPIO |
| BIXCS - 1331 Smart Automation Controller 110 x 65 x 95 mm | | | Aluminium Passive Cooling | Warranty 5 years | Lifecycle end 2033 | |

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| Operation <ul style="list-style-type: none"> Ambient Temperature Rel. Humidity | -20 ... +70 °C 10-90% |
| Store <ul style="list-style-type: none"> Ambient Temperature Rel. Humidity | -40 ... 85°C 10-90% |
| Certificates | CE, FCC |
| Power Supply <ul style="list-style-type: none"> Input Voltage Max consumption | DC 10-24V 20W |
| MTTF | > 200.000h |
| Housing <ul style="list-style-type: none"> Type Size Weight | Aluminum powder coated 110 x 25 x 85 mm 0,45 kg |
| Cooling | Passive, fanless |

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| CPU | NXP iMX7 ARM Cortex A7 dual core 1,0 GHz und Coprozessor Cortex M4 200MHz |
| Storage <ul style="list-style-type: none"> • RAM • eMMC • SSD • uSD-Slot • SIM-Slot | 1 GB 16 GB no yes yes |
| Display | DVI, Resolution bis 1920 x 1080 Pixel |
| Audio | Yes, in / out |
| Interfaces <ul style="list-style-type: none"> • USB to RS232 Konsole • USB 2.0 • RS232 • RS485 • RS485 with DC24V supply • CAN-bus • LAN • LAN-FO • WLAN • Bluetooth | 1 4 1 1 4 0 2 0 1 1 |
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| Operating System | Linux Debian 32-bit realtime |
| Systemsoftware <ul style="list-style-type: none"> • PLC • Modbus TCP Master • Modbus TCP Slave • Modbus RTU Master • Modbus RTU Slave • Webserver • Database Client • Database Server • HMI • Batch | yes, 2 cores yes yes yes yes yes no no no no |
| Options <ul style="list-style-type: none"> • PLC Redundancy • OPC-UA Server | yes yes |
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| PLC core <ul style="list-style-type: none"> • Nr of POU • Max Size POU • Nr FB-Instances | 32.000 64 kByte 65.530 |

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| <ul style="list-style-type: none">• Nr database connections• IO-Channels• Min Task• Typ. Jitter | 2 unlimited 10 ms +/- 1ms |
| Webserver | Python WSGI HTTP Server |
| Database | -- |
| Interfaces to Linux App's <ul style="list-style-type: none">• Modbus TCP• Shared Memory | yes yes |
| Linux Supported Program Languages <ul style="list-style-type: none">• Python• ANSI C | yes yes |