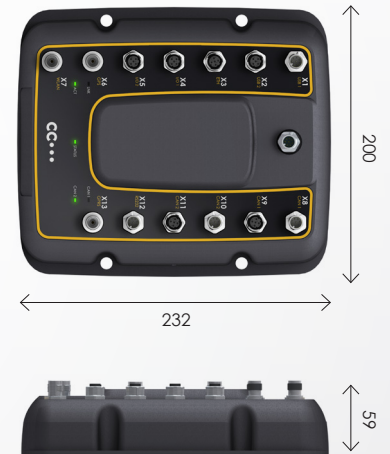




(mm)



CrossCore XA MAIN CONTROLLER AND COMMUNICATION GATEWAY

CrossCore XA is an ARM-based main controller and communication gateway for distributed control system architectures.

The Linux-based software platform enables easy realization of real-time vehicle control functionality and connectivity to external systems for asset management. **Turn for technical specifications »**

Standard model specification

| INTERFACES | | STANDARD |
|-------------|--|----------|
| CAN | 2 x CAN, ISO 11898 2.0B, Bit-rate configurable 20–250 kbps. (1Mbit optional) | ● |
| ETHERNET | 1 x 10/100 Base-T | ● |
| USB | 1 x Host, 1 x Device, USB 2.0 | ● |
| SERIAL | RS232 | ● |
| DIGITAL I/O | 4 x Digital in, pull-up | ● |

CrossCore XA PRODUCT SPECIFICATIONS

| KERNEL | |
|-----------|--|
| PROCESSOR | ARM9, Atmel AT91SAM9263, 240 Mhz |
| STORAGE | 2 GB Flash for storage 256 MB NAND flash for operating system |
| RAM | 128 MB SDRAM |

| HMI | |
|---------------------|---|
| STATUS LED | Tricolor led status indicator with configurable behaviour |
| CAN STATUS | Tricolor LED according to CAN-CiA DR-303 |
| ETHERNET STATUS | Activity and Link LED indicator |
| EMBEDDED WEB SERVER | Built-in web server for configuration and program loading |

| SOFTWARE | |
|------------------|-------|
| OPERATING SYSTEM | Linux |

| POWER | |
|---------------|----------------------------------|
| VOLTAGE | 24 VDC nominal |
| CURRENT | Typ. 110 mA at 24 VDC |
| ENERGY BACKUP | For safe shut down at power loss |

| ENVIRONMENT | |
|------------------------|--|
| IP CLASS | IP67 |
| EMC CONFORMITY | 2004/108/EC, EN61000-6-2:2005, EN61000-6-4:2007, ISO 14982:1998 |
| VIBRATIONS | 0.005-0.03 g2/Hz 5-1000 Hz 3,72 g (RMS) |
| SHOCK | 30 g / 6 ms |
| TEMPERATURE RANGE (°C) | -40 to +70 (operating) -40 to +85 (storage) |

| ENCLOSURE | |
|------------------|---------------------------|
| HOUSING MATERIAL | Die cast aluminium |
| CONNECTORS | DIN M12, TNC for antennas |

| SIZE AND WEIGHT | |
|-----------------|----------------|
| W x H x D (mm) | 232 x 200 x 59 |
| WEIGHT (kg) | 1.8 |

crosscontrol
AN ACTUANT COMPANY

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