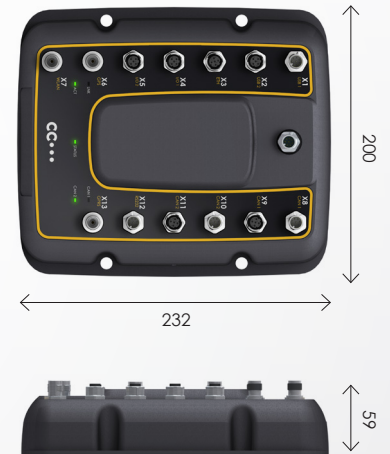(mm)

CrossCore XA MAIN CONTROLLER AND COMMUNICATION GATEWAY

CrossCore XA is a 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	●

crosscontrol
AN ACTUANT COMPANY

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

Sales contact: sales@crosscontrol.com | **General:** info@crosscontrol.com | www.crosscontrol.com