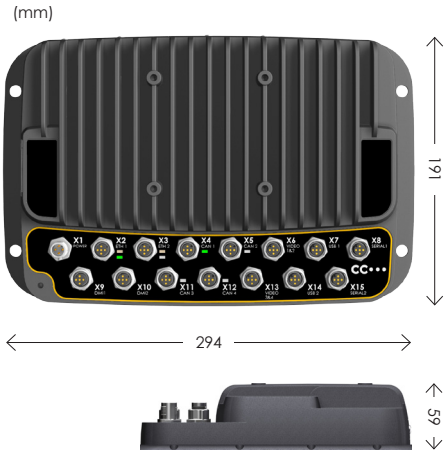
CrossCore XM

PC-based all-integrated controller



CrossCore XM is a powerful Atom-based main controller and communication gateway with a rich set of wired and wireless interfaces.

The open software application platform for controls, diagnostics and mobile connectivity enables easy realization of advanced vehicle control and management functionality.

Turn for technical specifications »

Standard model specifications

		STANDARD	ALL-INTEGRATED
INTERFACES			
– CAN	4 x CAN, ISO 11898 2.0B, Bit-rate configurable 20–250 kbps. (1Mbit optional)	•	•
– ETHERNET	2 x 10/100 Base-T	•	•
– USB	2 x USB 2.0	•	•
– SERIAL	RS232	•	•
– DIGITAL IN	4 x Digital in, pull-up	•	•
– FAN CONTROL	External fan control	•	•
– AUDIO	Stereo line out and line in, mic in	•	•
– WLAN	Built-in 801.11 b/g		•
– GSM/GPRS	Built-in GSM/GPRS modem		•
– BLUETOOTH	Built-in HCI Bluetooth		•
– GPS	Built-in GPS receiver		•

The content herein is preliminary and may be subject to change without further notice.

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CROSSCORE XM

GS GLOBAL RESOURCES
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GS Global Resources • 1-800-261-8735 • gsglobalresources.com
926 Perkins Drive, Mukwonago, WI 53149

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General specifications

KERNEL	
PROCESSOR	Intel Atom Z530, 1.6 GHz
STORAGE	8 GB, Compact Flash
RAM	1 GB, DDR2
GRAPHICS	Intel GMA 500

HMI	
STATUS LED	Application controllable LED

SOFTWARE	
OPERATING SYSTEMS	Windows 7, Linux

POWER	
VOLTAGE	12 or 24 VDC Nominal

ENVIRONMENT	
IP CLASS	IP65
TEMPERATURE RANGE (°C)	-25 to +70 (operating) -40 to +85 (storage)
EMC CONFORMITY	2004/108/EC, EN61000-6-2:2005, EN61000-6-4:2007, ISO 14982:2009, EN 50155:2007
VIBRATIONS	0,01 g2/Hz 10-200 Hz
SHOCK	5 g/11ms 3x ±1000 bumps

ENCLOSURE	
HOUSING	Aluminium
CONNECTORS	DIN M12, TNC for antennas
FASTENING	VESA 75 or adapter plate

SIZE AND WEIGHT	
W x H x D (mm)	294 x 191 x 59
WEIGHT (kg)	2.5

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Sales contact sales@maximatecc.com | **General** info@maximatecc.com | **www.maximatecc.com**

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