



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.

enables easy realization of advanced vehicle control and management functionality.

Turn for technical specifications »

The open software application platform for controls, diagnostics and mobile connectivity

Standard models

PART NUMBER	OS	
	Win7	Linux
C000 122-391		•
C000 122-491	•	

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

CrossCore XM PRODUCT SPECIFICATIONS

KERNEL	
PROCESSOR	Intel® Atom E3826, dual core 1.46 GHz
STORAGE	8 GB, Compact Flash
RAM	2 GB, DDR3L
GRAPHICS	Intel® HD Graphics Gen 7

HMI	
STATUS LED	Application controllable LED

INTERFACES	
CAN	4 x CAN, ISO 11898 2.0B
ETHERNET	1 x 10/100 Base-T
USB	2 x USB 2.0
SERIAL	RS232
DIGITAL IN	4 x Digital in, pull-up
AUDIO	Stereo line out and line in, mic in
OPTIONAL WIRELESS INTERFACES	GPS, GPRS/3G, WLAN and Bluetooth by the use of an external AI++ module

SOFTWARE	
OPERATING SYSTEMS	Windows7 or Yocto-based Linux system with kernel 3.10+

POWER	
VOLTAGE	12 or 24 VDC Nominal

ENVIRONMENT	
IP CLASS	IP65
EMC CONFORMITY	ISO 14982:2009, EN 61000-6-1, 2004/108/EC
TEMPERATURE RANGE (°C)	-25 to +70 (operating) -40 to +85 (storage)

ENCLOSURE	
HOUSING MATERIAL	Aluminium
FASTENING	VESA 75 or adapter plate
CONNECTORS	DIN M12

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

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