CCpilot XM2

PC-based touch screen display

(mm)

CCpilot XM2 is a 10" and 12" PC-based touch screen display computer for creating advanced HMI systems where process controls, video monitoring and other operator support functionalities are integrated.

The open software platform has a choice of tools for application engineering. This, together with XGA resolution and hardware accelerated 2D, 3D and vector graphics, enables fast design of premium user interfaces. With its industrial grade Intel Atom E3826 dual core CPU and a robust aluminium enclosure, it delivers dependable and state-of-the-art performance in demanding applications. **Turn for technical specifications »**

Standard models

	DISPLAY SIZE		OPERATING SYSTEM		MOUNTING VERSION	
PART NUMBER	10"4	12"1	WIN	LINUX	VESA	PANEL
C000 122-392	•			•	•	
C000 122-432	•			•		•
C000 122-390	•		•		•	
C000 122-430	•		•			•
C000 122-433		•		•	•	
C000 122-436		•		•		•
C000 122-431		•	•		•	
C000 122-434		•	•			•

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CC PILOT XM2

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

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PC-based touch screen display

COMPUTING CORE	
MAIN PROCESSOR	Intel Atom E3826 dual core
COPROCESSOR	Runs watchdog functions controlling integrity of product, for increased reliability and safety.
STORAGE	8 GB, CFast
RAM	2 GB, DDR3L
GPU	Intel® HD Graphics Gen 7. Integrated Graphics Processing Unit supporting hardware accelerated 2D, 3D and vector graphics.

DISPLAY	
TYPE	TFT with LED backlight
COVER LENS	Plastic with anti-glare treatment
SIZE AND RESOLUTION	10"4 or 12"1, XGA, 1024 x 768 pixels
COLOR DEPTH	24 bit
CONTRAST RATIO	10" - 700:1, 12" - 600:1
BRIGHTNESS*	10" - 600 cd/m², 12" - 500 cd/m²
DIMMING	Automatic dimming through ambient light sensor. Dimming can be controlled manually via soft keys and/or touch screen

HMI	
TOUCH SCREEN	Resistive
SOFT KEYS	3 soft keys, configurable. Default function is Power On/Off and control of display brightness.
STATUS LED	Configurable status LED in front panel. Default function is for boot-up status and faults.
BUZZER	Configurable buzzer for alarms and notifications.

INTERFACES	
CAN	4 x CAN, physical layer ISO 11898 2.0B. Bit-rate configurable 20 kbps - 1 Mbps. 2 CAN ports galvanically isolated. 2 CAN ports with CAN power, current up to 2 A, single on/off control.
ETHERNET	2 x Ethernet. 10/100 Base-T.
USB	2 x USB 2.0
SERIAL	1 x RS232. Galvanically isolated.
DIGITAL IN	4 x Digital In, pull-up.
VIDEO	4 x Analogue Video in, NTSC or PAL. 4 x video power, 12V, combined current limit at 1A, individual on/off control.
AUDIO	Stereo line out, line in, mic in
POWER SUPPLY	12 or 24 VDC nominal voltage. Voltage range 10-34 VDC. CPU and communication operational down to 6,0 VDC.

SOFTWARE	
OPERATING SYSTEMS	Win7 or Yocto-based Linux system with kernel 3.10+
SOFTWARE APPLICATION PLATFORM	LinX Software Suite, basic package. Extension modules available, eg. CoDeSys.

ENVIRONMENT	
IP CLASS	IP65
EMC CONFORMITY	2004/108/EC, EN61000-6-2:2005, EN61000-6-4:2007, ISO 14982:2009, ISO 13766:2006, ISO 7637-2:2011 - Test level III, ISO/TR 10605:2008
VIBRATIONS	0,01g2/Hz 5-200 Hz
SHOCK	5 g/11ms 3x ±1000 bumps
TEMPERATURE RANGE (°C)	Operating: -25 to +70 Storage: -40 to +85

ENCLOSURE	
HOUSING MATERIAL	Aluminium
MECHANICAL INSTALLATION	One version for flush/panel mounting and one version for mounting on stand/arm with VESA 75 bracket
CONNECTORS	DIN M12, SMA for antennas.

SIZE AND WEIGHT	
W X H X D (MM)	10": 278 x 215 x 72 12": 316 x 251 x 73
WEIGHT (KG)	10": 2.9 12": 3.5

* Typical values

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