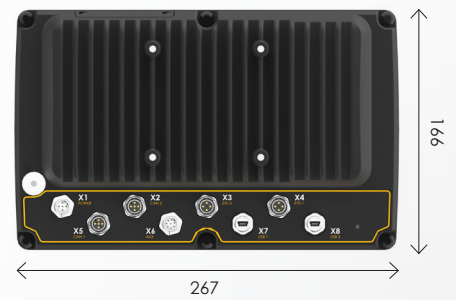




(mm)



## CCpilot XM9 TOUCH SCREEN DISPLAY

**CCpilot XM9** is a powerful display computer featuring a PCAP touch screen. The CCpilot XM range (available in sizes 9"-12") provides advanced HMI systems where process controls, instrumentation and other operator support functionalities are fully integrated. The open software platform has a variety of developer tools for application engineering. This, together with the display's WXGA resolution and hardware accelerated 2D, 3D and vector

graphics, enables fast design and exceptional user interfaces. With its industrial grade Intel Atom Atom x5 E3940 quad core CPU and a robust aluminium enclosure, it delivers dependable and state-of-the-art performance in the most demanding applications. The CCpilot XM9 supports CAN FD for faster data transfer and increased functionality.

**Turn for technical specifications »**

# CCpilot XM9 PRODUCT SPECIFICATIONS

COMPUTING CORE	
MAIN PROCESSOR	Intel Atom® x5-E3940 quad core CPU
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 9 with DirectX12. Integrated Graphics Processing Unit supporting hardware accelerated 2D, 3D and vector graphics.

DISPLAY	
TYPE	TFT with LED backlight
COVER LENS	Glass with anti-glare treatment, optically bonded to the TFT screen.
SIZE AND RESOLUTION	9", 15:9, WXGA resolution, 1280 x 768 pixels.
COLOR DEPTH	24 bit
CONTRAST RATIO	1000:1
BRIGHTNESS*	720 cd/m²
DIMMING	Automatic dimming through ambient light sensor. Dimming can be controlled manually via soft keys and/or touch screen.

HMI	
TOUCH SCREEN	PCAP
SOFT KEYS	3 configurable soft keys. Default functions is power and brightness control.
STATUS LED	Configurable status LED in front panel. Default function is for boot-up status and faults.
SOUND	Configurable speaker for alarms and notifications.

INTERFACES	
CAN	2 x CAN-FD, physical layer ISO 11898-2:2016, SAE J2284-1 to SAE J2284-5. Bit-rate configurable up to 5 Mbps.
ETHERNET	2 x Ethernet. 10/100 Base-T.
USB	2 x USB 2.0
SERIAL	1 x RS232
POWER SUPPLY	12 or 24 VDC nominal voltage. Voltage range 10-34 VDC. CPU and communication operational down to 6,0 VDC.

SOFTWARE	
OPERATING SYSTEM	Yocta-based Linux system with kernel 3.10+ or Windows 10 IoT.
SOFTWARE APPLICATION PLATFORM	LinX Software Suite available with a variety of pre-built extension modules.

ENVIRONMENT	
IP CLASS	IP65
EMC CONFORMITY	CE-certified for Earth moving and Construction Machinery
VIBRATIONS	Sinusoidal: IEC 60068-2-6. Random: IEC 60068-2-64
SHOCK	IEC 60068-2-27, 30g/6ms
TEMPERATURE RANGE (°C)	Operating: -25 to +70 Storage: -30 to +80

ENCLOSURE	
HOUSING MATERIAL	Aluminium
MECHANICAL INSTALLATION	Standard mounting with a VESA 75 bracket

SIZE AND WEIGHT	
W x H x D (mm)	267 x 166 x 57
WEIGHT (kg)	2.7

\* Typical values

## crosscontrol

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