

XL7 OCS

The World's Most Connected All-In-One Controller

Provides twice the connectivity of all other products in its class.



BENEFITS

- High performance logic controller with online programming capability
- 7" WVGA color touchscreen with 1000 nits of brightness
- Built-in digital & analog I/O with two 500kHz high-speed counters
- Dual 10/100 Ethernet for factory and world-wide networking
- Two CAN ports for fieldbus flexibility
- USB 2.0 ports for programming & FLASH drive support
- microSD slot, up to 32GB, for virtually unlimited data logging

A Controller for a Wide-Range of Applications

The XL7 was designed around a high-resolution, wide aspect ratio color touchscreen with 1000 nits of LED backlighting. The display benefits end-users by providing high outdoor visibility and allowing the XL7 to be used in a variety of ambient lighting conditions.

In addition to exceptional display performance, the XL7 contains a powerful logic engine with built-in digital and analog I/O and online programming capability.

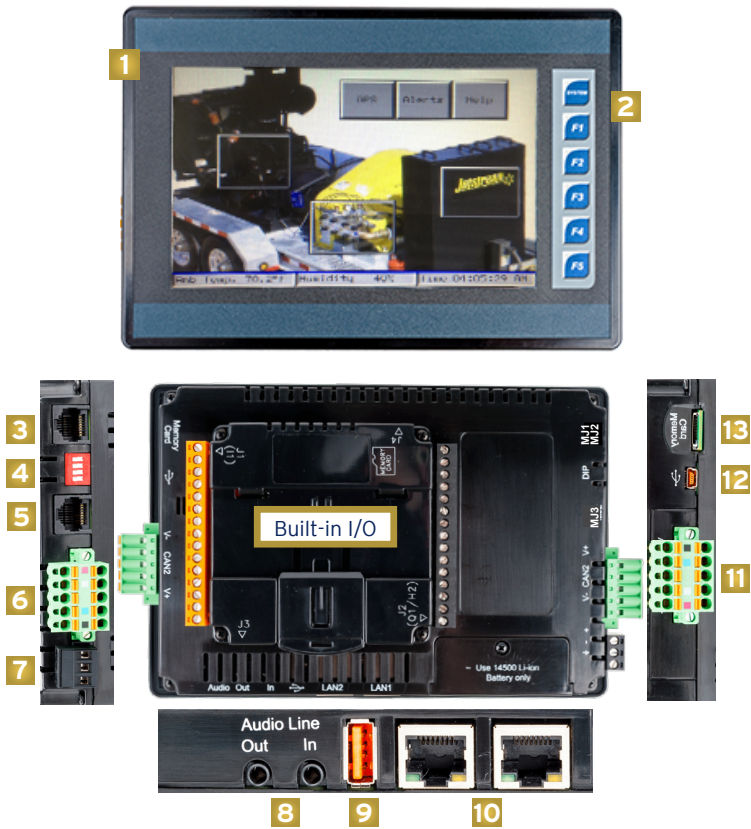
Dual Ethernet for Connectivity and Flexibility

The XL7 features two high-speed counters and dual 10/100 Ethernet ports, which adds flexibility when linking to factory networks like Modbus/TCP and Ethernet/IP - while also performing standard functions like web serving, FTP file transfer, email and protocol support.

Two CAN Ports Put Your Application in Motion

The XL7 includes two CAN ports. One port utilizes CsCAN for Distributed Plug and Play I/O over a 500m distance. The second port provides support for CANopen and J1939 for mobile applications.

SPECIFICATIONS AND TECHNICAL INFORMATION



PHYSICAL CHARACTERISTICS

- 1 Touchscreen
- 2 Function Keys
- 3 MJ1: RS232/ MJ2: 1/2 duplex RS485
- 4 Dip Switches
- 5 MJ3: RS-232/485 Serial Port
- 6 CAN 1 Port
- 7 Power: 10 - 30VDC In
- 8 Audio In & Out Ports
- 9 USB 2.0 "A": Flash Drive
- 10 LAN 1 & 2 Ports
- 11 CAN 2 Port
- 12 USB mini "B": Programming
- 13 microSD: Data Storage

CONTROLLER

CPU	Single Core Arm
Logic Scan Rate	0.013ms/kB
Built-In Storage	128MB
Removable Memory	microSD
Retentive Storage	256kB
Programming Languages	Advanced Ladder or IEC: ST, LD, FBD, IL, SFC

USER INTERFACE

Display Technology	7" TFT, 800 cd/m ²
Resolution / Color	800 x 480
Keypad	6 function keys

CONNECTIVITY

Serial Ports	1 with RS-232 and RS-485 on first Modular Jack (MJ2) 1 RS-232 or 1 RS 485 on second Modular Jack (MJ-3)
USB Ports (A and Mini-B)	1 Host, 1 Programming
Ethernet	Dual 10/100 Support with Auto MDIX Support
CAN	2 CAN Ports 125kb - 1Mb

I/O MODELS

HE-EXW1E0	No Built-in I/O
HE-EXW1E2	12 DC in, 6 Relay Out, 4 - 12-bit Analog In
HE-EXW1E3	12 DC in, 12 DC Out, 2 - 12-bit Analog In
HE-EXW1E4	24 DC in, 16 DC Out, 2 - 12-bit Analog In
HE-EXW1E5	12 DC in, 12 DC Out, 2 - 14/16-bit Analog In (mA/V/Tc/mV/RTD), 2 - 12-bit Analog Out
HE-EXW1E6	12 DC in, 12 DC Out, 6 - 14/17-bit Analog In (mA/V/Tc/mV/RTD), 4 - 12-bit Analog Out
Remote I/O	All Models Support SmartRail, SmartBlock, SmartStix, SmartMod, various 3rd party I/O devices

OPERATING SPECS. & STANDARDS

Primary Power Range	10-30VDC
Operating Temperature	-10° to 60°C
Humidity (non-condensing)	5 to 95%
Ratings	IP65, UL Type 3R, 4, 4x, 12, 12k, 13, ABS

PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	mm: 210.06 x 143.76 x 43.94 in: 8.27 x 5.66 x 1.73
Weight	2 lbs or 907g