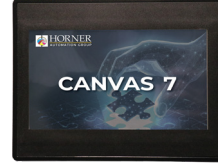


## Horner Automation Group - 7" PLC/HMI Comparison



Description		Spec	Micro X7	XLW Prime	Canvas 7	Canvas 7D
Controller	Ladder Logic Memory		512kB		2MB	
	Logic Scan Rate		0.4 ms/K		0.02 ms/K	
	PID Loops Supported		8		64	
	General Purpose Registers		5,000 words		50,000 words	
	General Purpose Internal Coils		2,048 bits		32,768 bits	
	Removable Memory		Up to 32GB Micro SD			
HMI	Onboard Display		7" 800x480 TFT, 300 nits	7" 800x480 TFT, 450 nits	7" 800x480 TFT, 800 nits	
	Buttons		Virtual Function Keys			Physical Function Keys
	Total Screens		250	1023		
	Objects/Screen		100	1023		
	Graphics		Standard		Enhanced	
I/O	I/O Expansion		OCS-I/O, SmartStix, SmartRail, SmartMod, SmartBlock			
	Digital Inputs/Outputs, Max		1024	2048		
	Analog Inputs/Outputs, Max		1024	2048		
	Digital Inputs	Built-in	12 DC In	Up to 24 DC In		
	Digital Outputs		12 DC Out or 6 Relay Out	Up to 16 DC Out or 6 Relay Out		
	Analog Inputs		4 (4-20mA or RTD only)	Up to 6 (4-20mA, 0-10V, Thermocouple, RTD)		
	Analog Outputs		2 (4-20mA only)	Up to 4 (4-20mA, 0-10V)		
	High Speed Input Modes		Quadrature, Totalizer, Frequency, Pulse	Quadrature, Totalizer, Frequency, Period Measurement, Pulse		
	High Speed Output Modes		HSC Out, PWM	HSC Out, PWM, Stepper		
Ethernet Ports			1 x 10/100 Mbps			2 x 10/100 Mbps
CAN Ports			1			2
Serial Ports			2 in single RJ45 port (1 x RS-232, 1 x RS-485)	3 total connections in 2 physical RJ45 ports		
Communications	USB A		No	Yes, supports data storage, USB camera, or USB WiFi		Yes, data storage, USB camera, or USB WiFi, mouse/keyboard
	USB Mini-B Programming		Yes			
	Licensed Options		BACnet, CANopen, WebMI	MQTT, WebMI, Enhanced IEC, J1939	All licensed options included	
	Physical Dimensions	Height x Width x Depth	5.65"x7.33"x1.34"	5.66"x7.33"x3.03"		5.66"x8.27"x3.03"
Operating Specifications	Operating Temperature		-10C to 60C			-10C to 60C (down to -40C with heater option)
	Humidity (non-condensing)		5 to 95%			
	Environmental Rating		IP65 and Type 4X			
List Price		\$794	Starting at \$2013		Starting at \$2243	Starting at \$2852