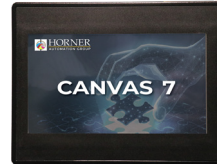


Horner Automation Group - 7" PLC/HMI Comparison



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			
	Built-in	Digital Inputs	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			
Communications	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			
	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"x2.08"	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		\$835	Starting at \$2385	Starting at \$2655	Starting at \$3345	