

HMI5070DL



7" Dual Ethernet Industrial HMI

- 16 million color TFT LCD display
- 800 x 480 resolution
- Analog resistive touchscreen
- 32-bit RISC CPU, 600MHz
- 128MB Flash memory, 128MB RAM
- Moisture-resistant PCB coating
- 2 Ethernet ports
- 3 serial ports
- 1 USB host port

An ultra-slim form, sleek aesthetic, and a great price make the HMI5070DL a high-quality, value-priced HMI.

Maple Systems HMI5070DL is a slim-form operator interface with a bright 800 x 480 pixel touchscreen display, a high-speed 600MHz microprocessor and 128MB of memory for complex and graphic intensive projects.

The ultra-thin form factor of the HMI5070DL makes mounting in tight spots easy, while the fanless design requires no extra space for cooling. The HMI5070DL is also NEMA4X/IP65 rated, allowing for peak performance in adverse conditions.

With EZwarePlus software, configure the HMI5070DL to your exact specifications. Extensive software features include

alarm management, batch recipes, BACnet® for building automation and control networks and more - making your operator interface an integral part of your control system.



Maple Systems Graphic HMIs offer versatile support of more than 150+ controllers and are compatible with the biggest names in PLCs, including Allen Bradley, Schneider Electric, Siemens, Mitsubishi, Omron, and more.

Maple Systems stands behind all HMIs with complimentary technical support, and a comprehensive online support center.



HMI5070DL Specifications

System	
Processor	32-bit RISC Cortex-A8, 600MHz
Memory	128MB RAM
Storage	128MB Flash
SD Memory Card Slot	N/A
RTC	Built-in

I/O Ports	
Ethernet Port	10/100/1000 Base-T (RJ45) x2
Serial Ports	COM1: RS-232* COM2: RS-485, 2 or 4 wire COM3: RS-232*/RS-485, 2 wire
RS-485 Isolation	N/A
CAN Bus	N/A
Audio	N/A
USB Host	USB 2.0 x1
USB Client	N/A

Display	
Type	7.0" TFT LCD
Size (WxH)	6.06 x 3.38 inches [154.08 x 85.92mm]
Resolution (pixels)	800 x 480
Brightness (cd/m ²)	400
Contrast Ratio	500:1
Max Colors	16.7M
Viewing Angle (°)	70/50/70/70 (T,B,L,R)
Backlight	LED
Backlight Longevity	30,000+ hrs

Touchscreen	
Type	4-wire analog resistive
Resolution	Continuous
Light Transmission	Above 80%
Lifespan	1 million activations minimum

Environmental	
Operating Temperature	32° ~ 122°F [0° ~ 50°C]
Storage Temperature	-4° ~ 140°F [-20° ~ 60°C]
Relative Humidity	10% ~ 90% (non-condensing)
Shock (operation)	10 to 25Hz (X, Y, Z direction, 2G, 30 minutes)
Ratings	IP65, NEMA 4X compliant front panel
Certifications	CE, RoHS, cULus

Mechanical	
Enclosure	Plastic
PCB Coating	Yes
Dimensions (WxHxD)	7.89 x 5.75 x 1.33 inches [200.3 x 146.3 x 34mm]
Panel Cutout Dim. (WxH)	7.56 x 5.43 inches [192 x 138mm]
Weight	~ 1.3 lbs [0.6kg]

Electrical	
Input Power	24VDC ± 20%
Power Consumption	600mA @ 24VDC**
Voltage Resistance	500VAC (1 min)
Isolation Resistance	Exceed 50MΩ@500VAC

Software	
Operating System	N/A
Application	EzwarePlus (v5.02.02.004 or later)

Notes	
Specifications subject to change without notice.	
* COM1 RS232 RTS/CTS and COM3 RS232 cannot be used simultaneously.	
** Includes power consumption of USB device	