

KS070-M8M

7" Industrial Touch Monitor



KEY FEATURES



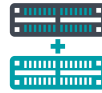
7" 1024x600 TFT LCD Panel
with capacitive touch screen



High Speed LPDDR4
2GB/4GB SDRAM Memory Down

NXP
i.MX8M

NXP i.MX8M Platform
performance up to 30% enhancement



Multiple Expansion
M.2 2230/3042 support



IP65
IP65 front panel protection

SPECIFICATION

| | | |
|------------------------------|-----------------------|---|
| SYSTEM | Processor | NXP i.MX 8M Dual Cortex-A53, 1.5GHz |
| | Memory | 2GB/4GB SDRAM Memory Down Single Channel LPDDR4 1600MHz |
| DISPLAY AND TOUCH SCREEN | Display | 7" 1024x600 TFT LCD Panel with Capacitive Touch Screen |
| | Brightness | 425 cd/m ² |
| | Contrast | 800:1 |
| | Backlight Lifetime | 50,000 hours |
| STORAGE | Internal | 16GB eMMC 1 x Internal Micro SD Socket |
| | Interface | 1 x M.2 B key 3042/2242 (USB 2.0) 1 x M.2 E key 2230 (PCIe x1/USB 2.0) 1 x Nano SIM slot (Optional) |
| LED | Indicators | 1 x Power LED |
| TOP I/O | Wi-Fi Antenna | 2 x Wi-Fi Module Antenna Hole |
| BOTTOM I/O | Ethernet | 1 x GbE (RJ-45) |
| | Serial | 1 x RS-232/422/485 1 x RS-485 |
| | USB | 2 x USB 3.1 (type A) |
| | Buttons | 1 x Power Switch |
| | Audio | 1 x Line out |
| | DIO | 1 x 8-bit DIO |
| INTERNAL I/O | | 1 x micro USB Type B |
| WATCHDOG TIMER | Output & Interval | System Reset, Programmable via Software from 1 to 255 Seconds |
| POWER | Type | 12V |
| | Connector | 2-Pole Terminal Block |
| OS SUPPORT | OS Support | Android 9.0 & Yocto 2.5 |
| ENVIRONMENT | Operating Temperature | 0 to 60°C |
| | Storage Temperature | -30 to 85°C |
| | Relative Humidity | 85%@65°C (non-condensing) |
| MECHANISM | Dimensions | 235 x 150 x 43.8(W x H x D) |
| | Construction | Aluminum front bezel |
| | Mounting | Panel Mount /VESA Mount /Din-rail(Optional) |
| | Weight | TBD |
| STANDARDS AND CERTIFICATIONS | Shock | TBD |
| | Vibration | TBD |
| | Certifications | CE, FCC Class B |
| PACKING LIST | Packing List | 1 Touch Panel PC |
| | | 1 Poron foam |
| | | 1 Quick Installation Guide |

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