

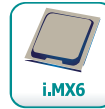
# KS057R-FS

ARM

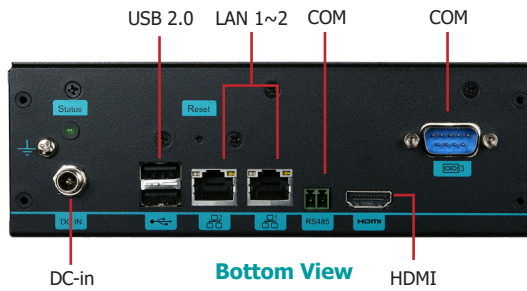


## Features

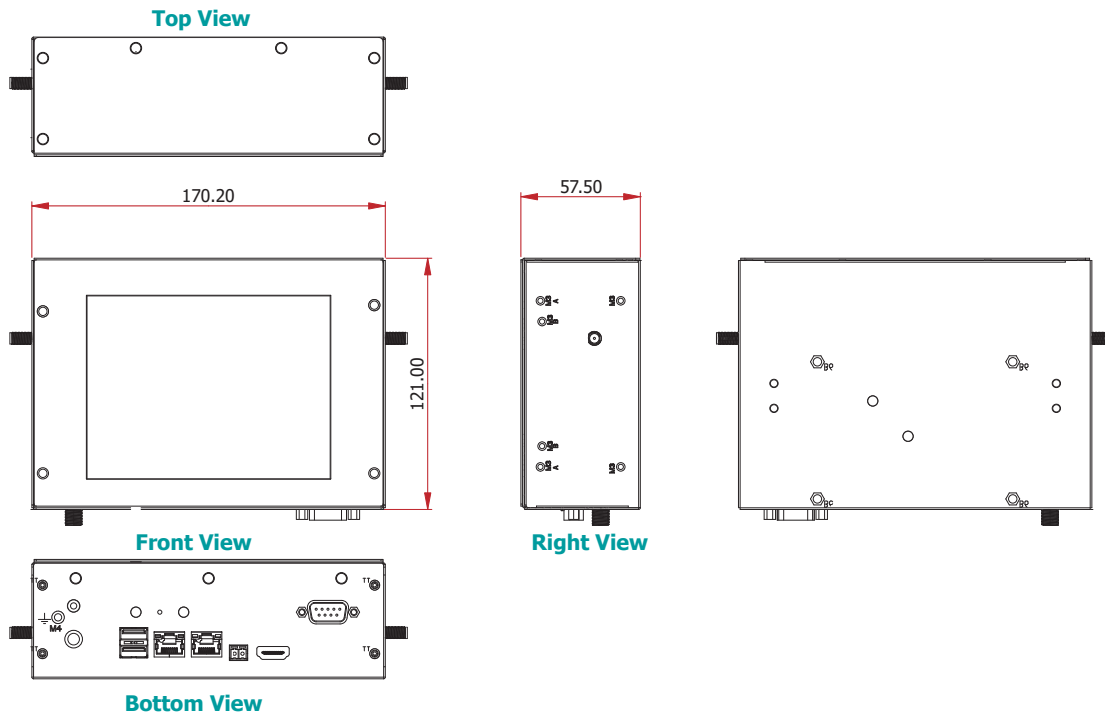
- 5.7" 640x480 TFT LCD panel with touch screen
- NXP Cortex-A9 i.MX6 DualLite 1.0 GHz
- Support Wall / Din-rail Mounting
- PLC Polling Device



## Panel



## Dimensions



## ► Specifications

<b>SYSTEM</b>	<b>Processor</b>	NXP i.MX6 Cortex-A9 DualLite, 1.0 GHz
	<b>Memory</b>	1GB SDRAM Memory Down
	<b>Flash</b>	4MB NOR Flash
<b>DISPLAY AND TOUCH SCREEN</b>	<b>Display</b>	5.7" 640x480 TFT LCD Panel with Resistive Touch Screen
	<b>Brightness</b>	400 cd/m <sup>2</sup>
	<b>Contrast</b>	800:1
	<b>Backlight Lifetime</b>	50,000 hours
<b>GRAPHICS</b>	<b>Display</b>	1 x HDMI HDMI 1.4: resolution up to 1920x1080 @ 60Hz
	<b>Single Display/ Dual Displays</b>	Yocto: HDMI or LVDS (default) Android: HDMI(640 x 480) + LVDS (available upon request)
<b>STORAGE</b>	<b>eMMC</b>	8GB eMMC onboard
	<b>Expansion</b>	1 x Micro SD Slot
<b>ETHERNET</b>	<b>Controller</b>	1 x Atheros AR8033 Ethernet Controller (10/100/1000Mbps) 1 x LAN7500 Ethernet Controller (10/100/1000Mbps)
<b>Expansion</b>	<b>Interface</b>	1 x Full-size Mini PCIe (PCIe/USB)
<b>I/O</b>	<b>Serial</b>	1 x RS-485
		1 x RS-232
	<b>Switch</b>	1 x Reset Switch
	<b>Wi-Fi Antenna</b>	2 x Wi-Fi Module Antenna Hole
	<b>Ethernet</b>	2 x GbE (RJ-45) (10/100/1000Mbps)
	<b>USB</b>	2 x USB 2.0 (type A)
	<b>Display</b>	1 x HDMI
<b>WATCHDOG TIMER</b>	<b>Output &amp; Interval</b>	System Reset, Programmable via Software from 1 to 255 Seconds
<b>POWER</b>	<b>Type</b>	12V DC
	<b>Connector</b>	DC Jack
<b>OS SUPPORT</b>		Yocto 1.8 (default preloaded on eMMC) Android 5.1.1 (available upon request)
<b>MECHANISM</b>	<b>Construction</b>	Sheet Metal
	<b>Mounting</b>	Wall, Din-rail
	<b>Dimensions (W x H x D)</b>	170.2mm x 121mm x 57.5mm
	<b>Weight</b>	1.05kg
	<b>IP Rating</b>	IP20 Front Panel Protection
<b>ENVIRONMENT</b>	<b>Operating Temperature</b>	-20 to 60°C
		With Extended Temperature Peripherals; Ambient with Air Flow
	<b>Storage Temperature</b>	-30 to 80°C
	<b>Relative Humidity</b>	5 to 90% RH (non-condensing)
<b>STANDARDS AND CERTIFICATIONS</b>	<b>Shock</b>	OP: Half-sine, 3G @ 11ms
		Non-OP: Half-sine, 5G @ 11ms
	<b>Vibration</b>	OP: Random, 1Grms @ 5~500Hz, 30min
		Non-OP: Sweep sine, 3Grms @ 10~500Hz, 30min
<b>Certifications</b>		CE, FCC Class A

▶ **Ordering Information**

Model Name	Part Number	Description
<b>KS057R-FSD12-MX6-V2</b>	750-KS0570-100G	5.7" Panel PC, i.MX6, 1GB Memory, 8GB eMMC, Resistive Touch

▶ **Optional Items**

Optional Items	Part Number	Description
<b>Wi-Fi</b>	761-AP1235-000G	Wi-Fi kit, RoHS
<b>Power Cord</b>	785-PWRD	Power cord, Standards (USA/EUR/CH), 1.8m, RoHS
<b>Power Adapter</b>	671-106012-000G	60W, 12V/5A, Level 6, RoHS

*785-XXX is a group number instead of a unique part number. Please contact your regional sales representative if you need more information.*

▶ **Packing List**

• 1 KS057R-FS Touch Panel PC
• 1 Poron foam
• 2 Wall Mount Bracket