



NXP i.MX6 Series
5.7" Light Industrial Touch Panel PC

KS057R-FS

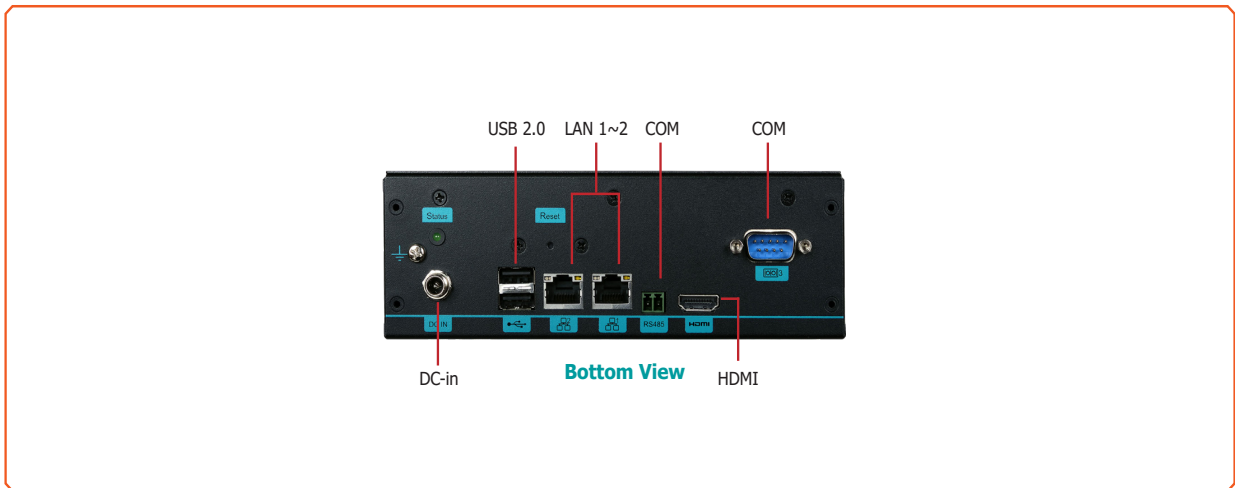


Features

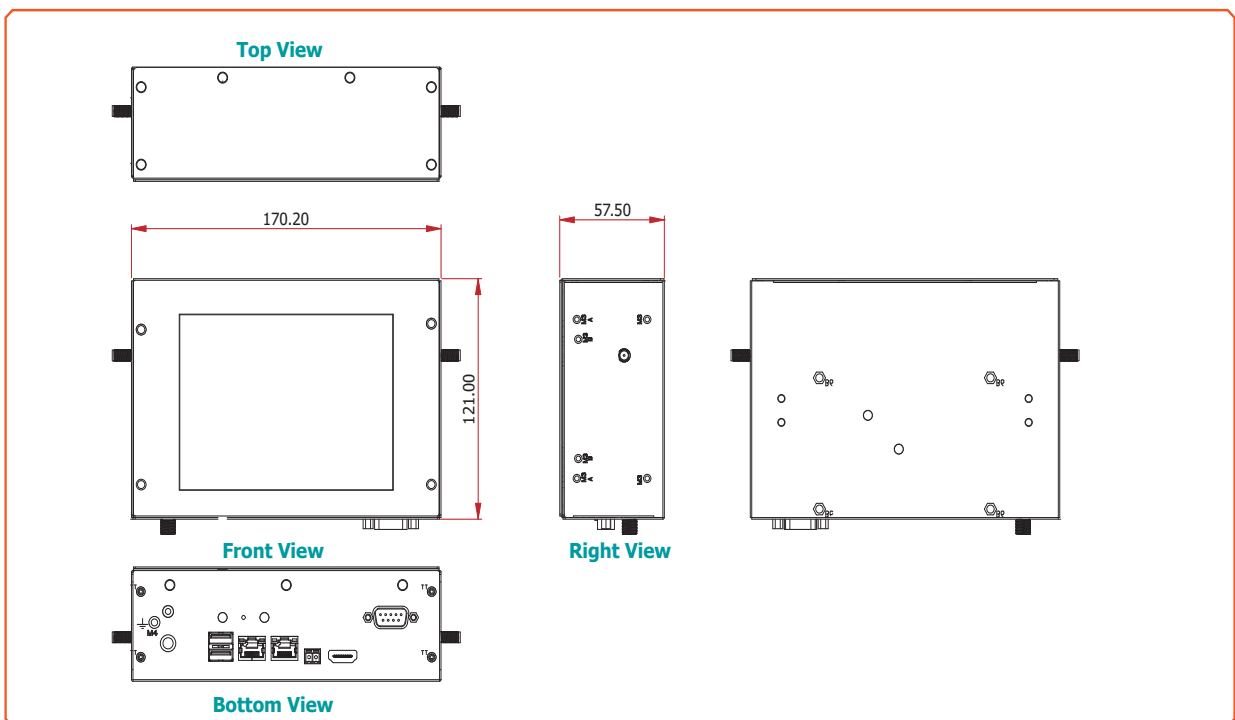
- 5.7" 640x480 TFT LCD panel with touch screen
- NXP Cortex-A9 i.MX6 DualLite 1.0 GHz
- Support Wall / Din-rail Mounting
- PLC Polling Device



Panel



Dimensions





Specifications

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



KS057R-FS

Ordering Information

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

Optional Items

Optional Items	Part Number	Description
Wi-Fi	761-AP1235-000G	Wi-Fi kit, RoHS
Power Cord	785-PWRD	Power cord, Standards (USA/EUR/CH), 1.8m, RoHS
Power Adapter	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

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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