



KS057R-AL

Atom

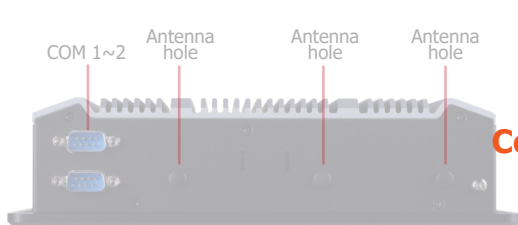


Features

- 5.7" 640x480 TFT LCD panel with touch screen
- Triple displays: VGA + Mini DP++ + LVDS
- Rich I/O: 2 LAN, 1 COM, 2 USB 3.0, 2 USB 2.0

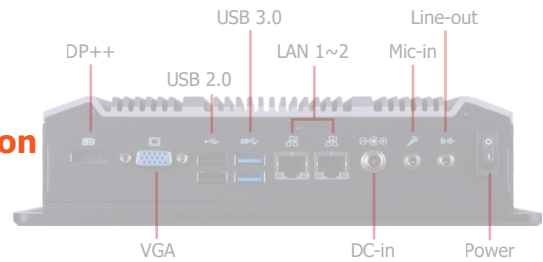


Panel



Top View

Coming Soon



Bottom View

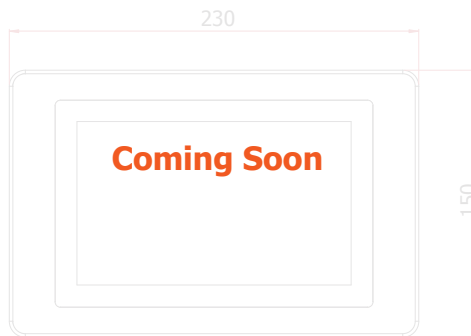
Dimensions



Top View

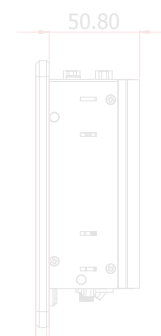


Left View

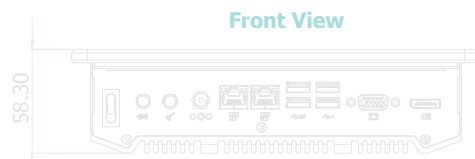


Front View

Coming Soon



Right View



Bottom View

Specifications

SYSTEM	Processor	Intel Atom® Processor E3900 Family, BGA 1296 Intel Atom® x7-E3950 Processor, Quad Core, 2M Cache, 1.6GHz (2.0GHz), 12W Intel Atom® x5-E3940 Processor, Quad Core, 2M Cache, 1.6GHz (1.8GHz), 9.5W Intel Atom® x5-E3930 Processor, Dual Core, 2M Cache, 1.3GHz (1.8GHz), 6.5W Intel® Pentium® Processor N4200, Quad Core, 2M Cache, 1.1GHz (2.5GHz), 6W Intel® Celeron® Processor N3350, Dual Core, 2M Cache, 1.1GHz (2.4GHz), 6W
	Memory	One 204-pin SODIMM up to 8GB Single Channel DDR3L 1866MHz
	BIOS	Insyde SPI 64Mbit (supports UEFI boot only)
DISPLAY AND TOUCH SCREEN	Display	5.7" 640x480 TFT LCD Panel with Resistive Touch Screen
	Brightness	700 cd/m ²
	Contrast	400:1
	Backlight Lifetime	50,000 hours
GRAPHICS	Controller	Intel® HD Graphics
	Feature	OpenGL 4.2, Direct X 11.1, OpenCL 1.2, OGL ES 3.0 HW Decode: H.264, MPEG2, VC1, VP8, H.265, MPEG4 HW Encode: H.264, MPEG2, MPEG4
	Display	1 x VGA 1 x Mini DP++ VGA: resolution up to 1920x1200 @ 60Hz Mini DP++: resolution up to 4096x2160 @ 60Hz
	Triple Displays	VGA + Mini DP++ + LVDS
EXPANSION	Interface	1 x Full-size Mini PCIe (USB/PCIe) 1 x M.2 2242 B-key (PCIe/USB 2.0/SATA 3.0)
AUDIO	Audio Codec	Realtek ALC262-VC2-GR
ETHERNET	Controller	2 x Intel® I211AT PCIe (10/100/1000Mbps) 2 x Intel® I210IT PCIe (10/100/1000Mbps) (available upon request)
I/O	Serial	1 x RS-232/422/485 (DB-9)
	Buttons	1 x Power Button
	Wi-Fi Antenna	2 x Wi-Fi Module Antenna Hole
	Ethernet	2 x GbE (RJ-45) (10/100/1000Mbps)
	USB	2 x USB 3.0 (type A) 2 x USB 2.0 (type A)
	Display	1 x VGA 1 x Mini DP++
	Audio	1 x Line-out 1 x Mic-in
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds
POWER	Type	12V DC
	Connector	2-pin Terminal Block
OS SUPPORT (UEFI ONLY)		Windows 10 IoT Enterprise 64-bit Ubuntu 16.04
MECHANISM	Construction	Sheet Metal
	Mounting	TBD
	Dimensions (W x H x D)	TBD
	Weight	TBD
ENVIRONMENT	Operating Temperature	0 to 60°C -20 to 70°C (Optional) With Extended Temperature Peripherals; Ambient with Air Flow
	Storage Temperature	-40 to 85°C
	Relative Humidity	5 to 85% 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	TBD

► **Optional Items**

Optional Items	Part Number	Description
Wi-Fi	761-110091-000G	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
Panel Mount	761-KS2020-000G	7" Panel PC Panel Mount Kit, 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-AL Touch Panel PC
• 1 Poron foam
• 1 Chassis Panel Mount Bracket
• 1 Quick Installation Guide
• 1 CD disk includes:
- Manual