

# KS150-ADN



15" Industrial Touch Panel PC



## KEY FEATURES



### CPU Performance

Intel® Atom® x7425E, Quad Core  
Intel® Atom® x7413E, Dual Core



### Touch Type

Projected Capacitive / 5-Wire Resistive Touch



### Dual Display

HDMI + DP++



### Multiple Expansions

M.2 2242/3042 B Key  
M.2 2230 E Key

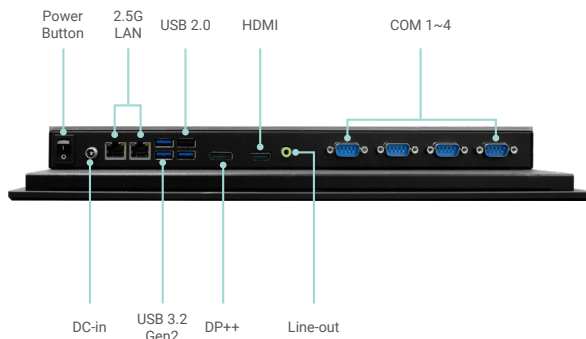


### Wide Voltage

Support 9 ~ 36V



## PANEL



Top View



Bottom View

## SPECIFICATION

DISPLAY AND TOUCH SCREEN	Display	15" TFT LCD Panel	
	Contrast	4 : 3	
	Max. Resolution	1024 x 768	
	Touch Type	Projected Capacitive / 5-Wire Resistive Touch	
	Brightness	300 (cd/m <sup>2</sup> )	
	Backlight Lifetime	50,000 (hours)	
SYSTEM	Processor	Intel® Atom® x7425E, Quad Core, 6M Cache, 1.5GHz (3.4GHz), 12W Intel® Atom® x7213E, Dual Core, 6M Cache, 1.7GHz (3.2GHz), 10W	
	Memory	One 262-pin SODIMM up to 16GB Single Channel DDR5 4800MHz	
	BIOS	AMI SPI 256Mbit	
GRAPHICS	Controller	Intel® UHD Graphics	
	Feature	OpenGL 4.6, Direct X 12.1, OpenCL 3.0 HW Decode: HEVC, VP9, AV1, AVC HW Encode: HEVC, VP9, AVC	
	Display	1 x DP++ 1 x HDMI 2.0	DP++: resolution up to 3840x2160 @ 60Hz HDMI: resolution up to 3840x2160 @ 24Hz
	Dual Displays	DP++ + HDMI	
STORAGE	External	1 x 2.5" SATA 3.0 Drive Bay	
EXPANSION	Interface	1 x M.2 2242/3042/3052 B Key (PCIe Gen3x1 or SATA3 and USB 2.0) 1 x M.2 2240 E Key (PCIe Gen3x1 and USB 2.0, support Intel® CNVi)	
I/O	Ethernet	2 x 2.5GbE	
	Serial	2 x RS-232/422/485 2 x RS-232	
	USB	3 x USB 3.2 Gen2 1 x USB 2.0	
	Display	1 x DP++ 1 x HDMI	
	Audio	1 x line-out	
	Button	1 x Power Button	
	POWER	Type	DC 9-36V
	Connector	DC Jack	
	Consumption	TBD	
OS SUPPORT	Microsoft	Windows 10 IoT Enterprise 64bit	
	Linux	Linux	
MECHANISM	Construction	Aluminum Front Bezel + Sheet Metal	
	Mounting	VESA mount 100 x 100	
	IP Rating	IP65 Front Panel Protection	
	Dimensions(W x H x D)	TBD	
	Weight	TBD	
ENVIRONMENT	Operating Temperature	0 ~ 50°C	
	Storage Temperature	-30 ~ 80°C	
	Relative Humidity	10 to 95% @ 40°C, non-condensing	
STANDARDS AND CERTIFICATION	Shock	OP: Half-sine, 3G @ 11ms Non-OP: Half-sine, 5G @ 11ms MIL-STD-810G Standard	
	Vibration	OP: Random, 1Grms @ 5~500Hz, 30min Non-OP: Sweep sine, 3Grms @ 10~500Hz, 30min MIL-STD-810G Standard	
	Certifications	CE/FCC Class A	

## ORDERING INFORMATION

Model Name	Part Number	Description
KS150P-ADNW36-X13	750-KS1502-000G	KS150P-ADNW36, 15" TFT XGA Fan-less Panel PC with Projected Capacitive Touch, Intel® ATOM® x7213E, DC Input 9-36V DC jack, F/G SYSTEM RoHS
KS150R-ADNW36-X13	750-KS1502-100G	KS150R-ADNW36, 15" TFT XGA Fan-less Panel PC with 5-Wire Resistive Touch, Intel® ATOM® x7213E, DC Input 9-36V DC jack, F/G SYSTEM RoHS
KS150P-ADNW36-X25	750-KS1502-200G	KS150P-ADNW36, 15" TFT XGA Fan-less Panel PC with Projected Capacitive Touch, Intel® ATOM® x7425E, DC Input 9-36V DC jack, F/G SYSTEM RoHS
KS150R-ADNW36-X25	750-KS1502-300G	KS150R-ADNW36, 15" TFT XGA Fan-less Panel PC with 5-Wire Resistive Touch, Intel® ATOM® x7425E, DC Input 9-36V DC jack, F/G SYSTEM RoHS

## PACKING LIST

1 KS150-ADN Touch Panel PC
1 Poron foam
1 Quick Installation Guide

## 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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