

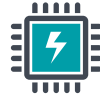
KS150-ADN



15" Industrial Touch Panel PC



KEY FEATURES



CPU Performance

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



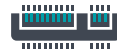
Touch Type

Projected Capacitive / 5-Wire Resistive Touch



Dual Display

HDMI + DP++



Multiple Expansions

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

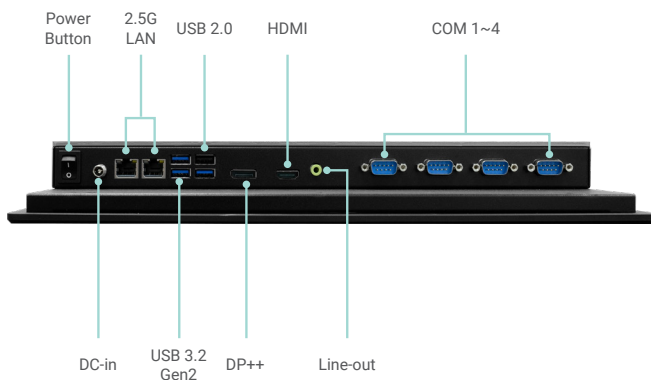


Wide Voltage

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 ²) | |
| | 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 |