

KS170-ADN



17" Industrial Touch Panel PC



KEY FEATURES



CPU Performance

Intel® Atom® Alder Lake-N Processors



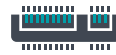
Touch Type

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

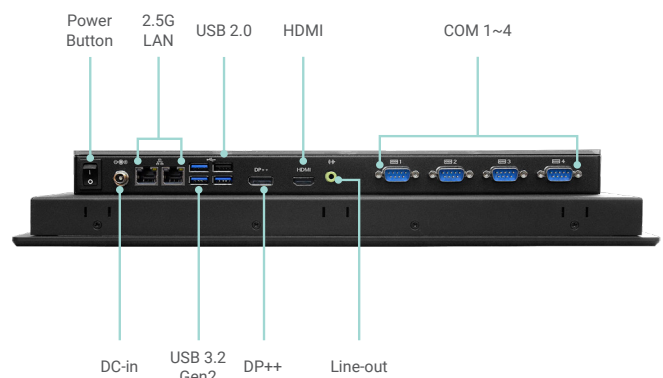
Support 9 ~ 36V



PANEL

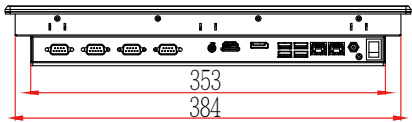
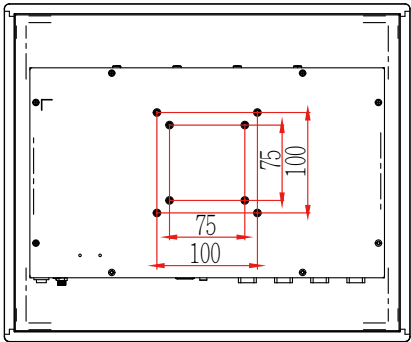
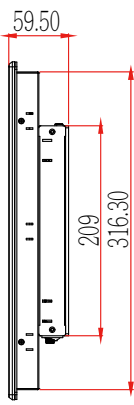
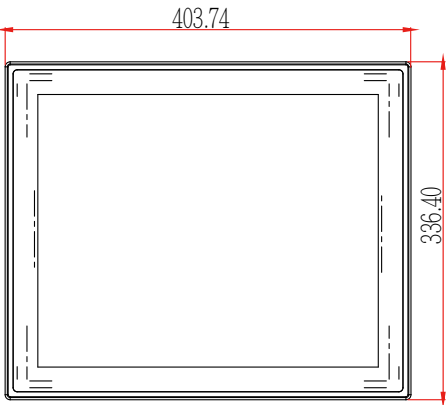
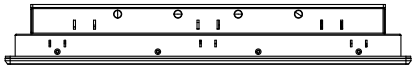


Front View

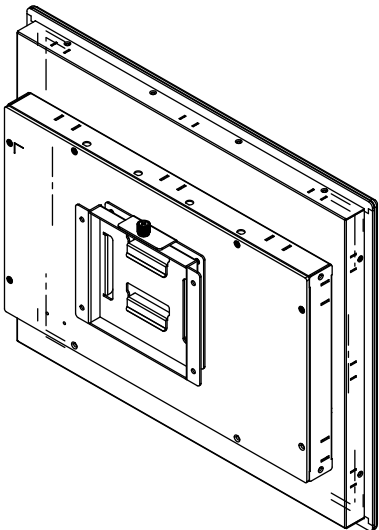
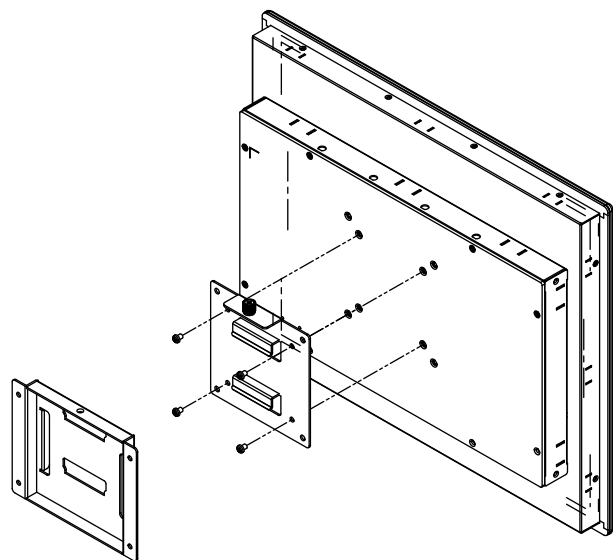


Top View

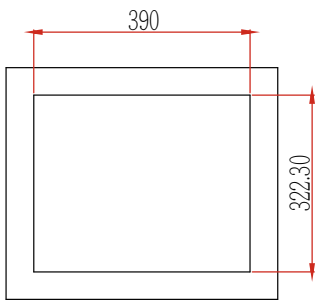
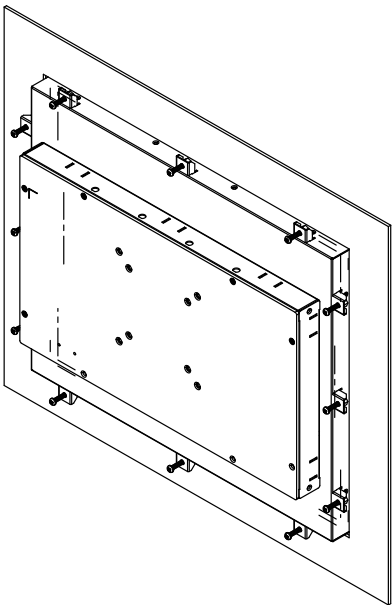
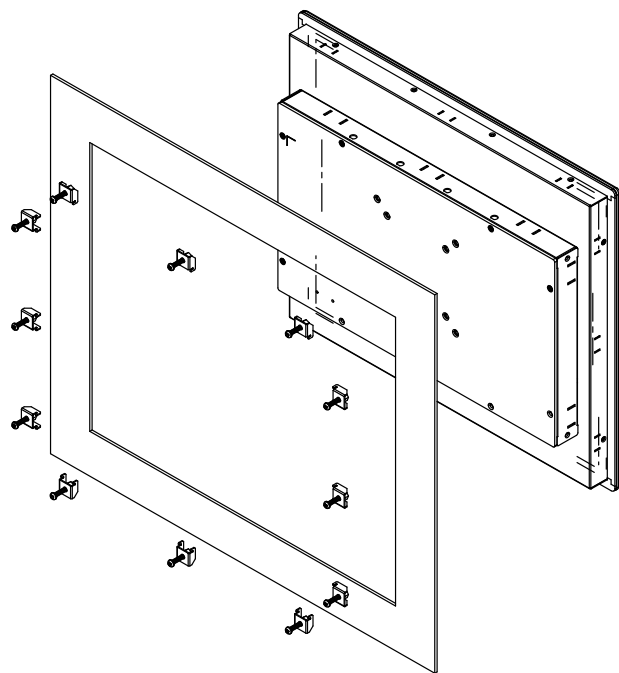
DIMENSIONS



WALL MOUNTING



PANEL MOUNTING



CUT OUT SIZE THICKNESS<10mm

SPECIFICATION

DISPLAY AND TOUCH SCREEN	Display	17" TFT LCD Panel	
	Contrast	4 : 3	
	Max. Resolution	1280 x 1024	
	Touch Type	Projected Capacitive / 5-Wire Resistive Touch	
	Brightness	350 (cd/m ²)	
	Backlight Lifetime	50,000 (hours)	
SYSTEM	Processor	Intel® Processor N97, 4 cores, 6M Cache, up to 3.60 GHz, 12W	
	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	
EXPANSION	Interface	1 x M.2 2242/3042/3052 B Key (PCIe Gen3x1 or SATA3 and USB 2.0) 1 x M.2 2230 E Key (PCIe Gen3x1 and USB 2.0, support Inte® CNVi) (CNVi only support by selected CPU)	
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	
	Power	9V@4.0A / 36V@1.2A	
OS SUPPORT	Microsoft	Windows 11 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)	403.8 x 336.4 x 59.5 mm	
	Weight	6.2KG	
ENVIRONMENT	Operating Temperature	0 ~ 50°C with 0.6m/s air flow	
	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, RoHS, UKCA	

ORDERING INFORMATION

Model Name	Part Number	Display Type	Touch Type	Processor	Power	
KS170P-ADNW36-N97	750-KS17000-000G	17" TFT XGA Fan-less Panel PC	Projected Capacitive Touch	Intel® N97	DC Input 9-36V DC jack	F/G SYSTEM RoHS
KS170R-ADNW36-N97	750-KS17000-100G		5-Wire Resistive Touch			

OPTIONAL ITEMS

Optional Items	Part Number	Description
Power Cord	785-PWRD	Power Cord; Stand(USA/EUR/CH), 1.8m, RoHS
Power Adapter	671-106012-000G	60W,12V/5A,Level 6, RoHS
	671-112005-100G	120W,24/5A,Leve 6, RoHS
Panel Mount	761-TPC120-000G	ACCESSORY PANEL MOUNT KITS, RoHS

Please contact your regional sales representative if you need memory and storage information.

PACKING LIST

• 1 KS170-ADN Touch Panel PC
• 1 Poron foam
• 1 Quick Installation Guide