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

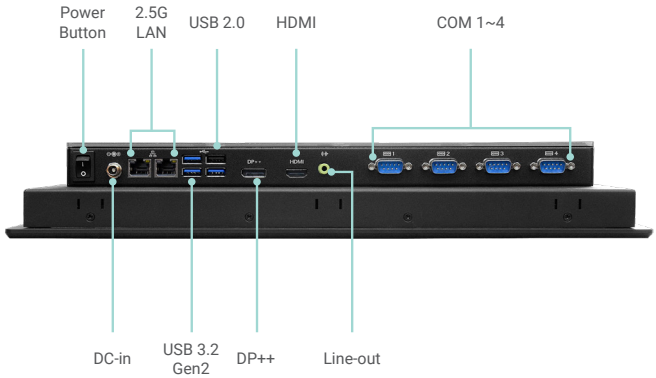
Dual Display
HDMI + DP++

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

Wide Voltage
Support 9 ~ 36V

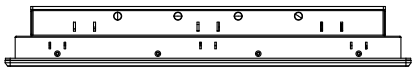
PANEL

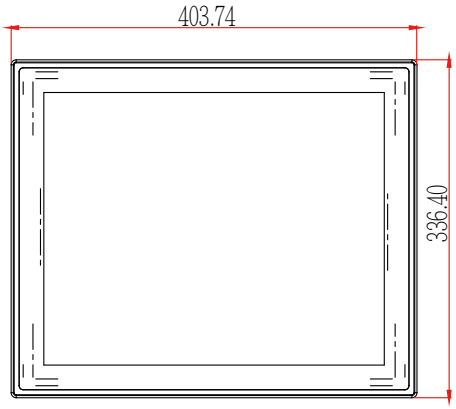
Front View

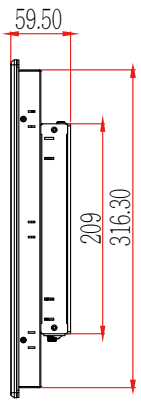


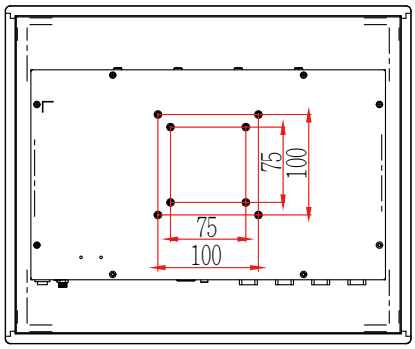
Top View

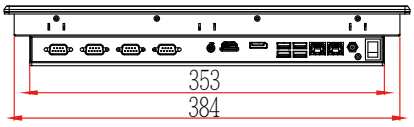
DIMENSIONS



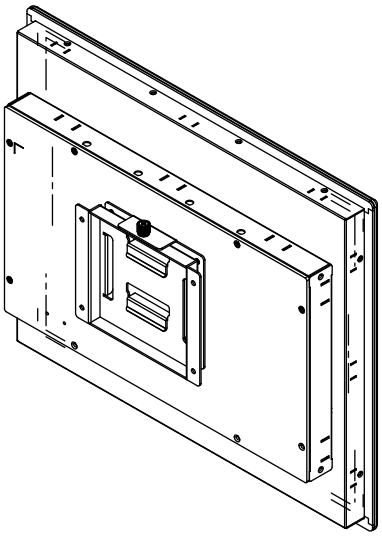


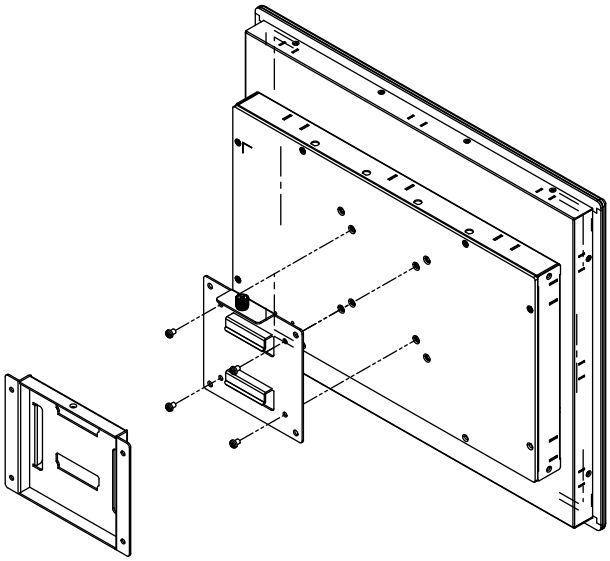




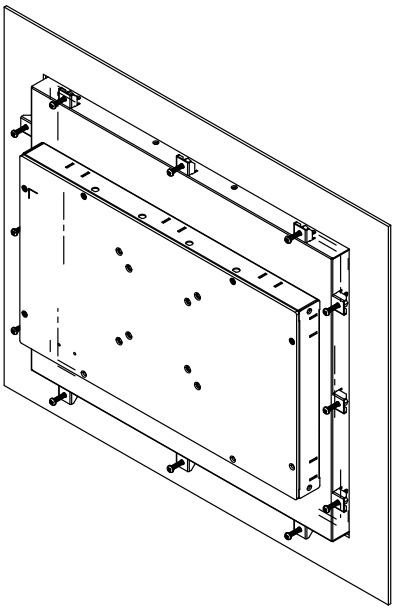


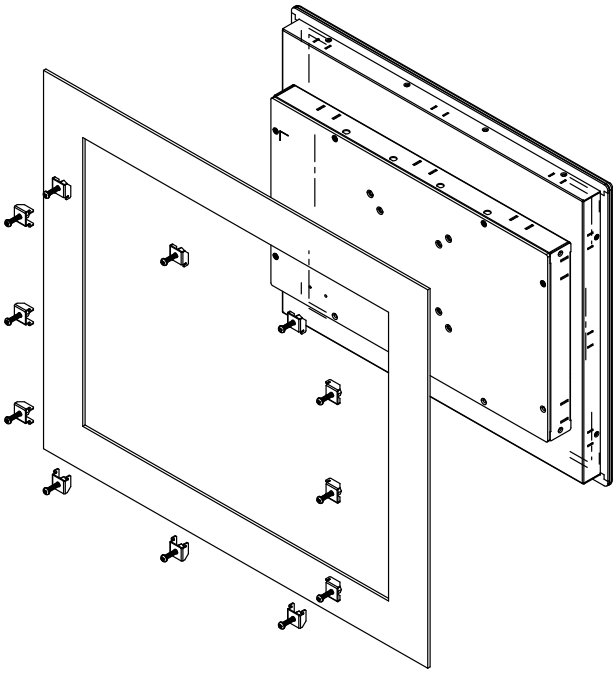
WALL MOUNTING

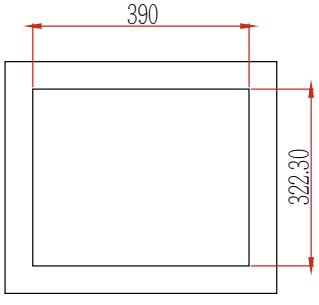




PANEL MOUNTING







CUT OUT SIZE THICKNESS<10mm

SPECIFICATION

DISPLAY AND TOUCH SCREEN	**Display**	17" TFT LCD Panel	
	Contrast	5 : 4	
	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, KC	

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-P19003-000G	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

DFI reserves the right to change the specifications at any time prior to the product's release. Changes thereafter will be based on the product's revision. Please contact your sales representative for the exact revision offered in your area. All product names mentioned are trademarks of their respective companies. © September 1, 2026 DFI Inc.