KS101P-MTH

10.1" Industrial Touch Panel PC



KEY FEATURES

CPU Performance

Intel Core™ Ultra 7 155U Processor
Intel Core™ Ultra 5 125U Processor

Touch Type

Projected Capacitive Touch

Dual Display

HDMI + USB Type C

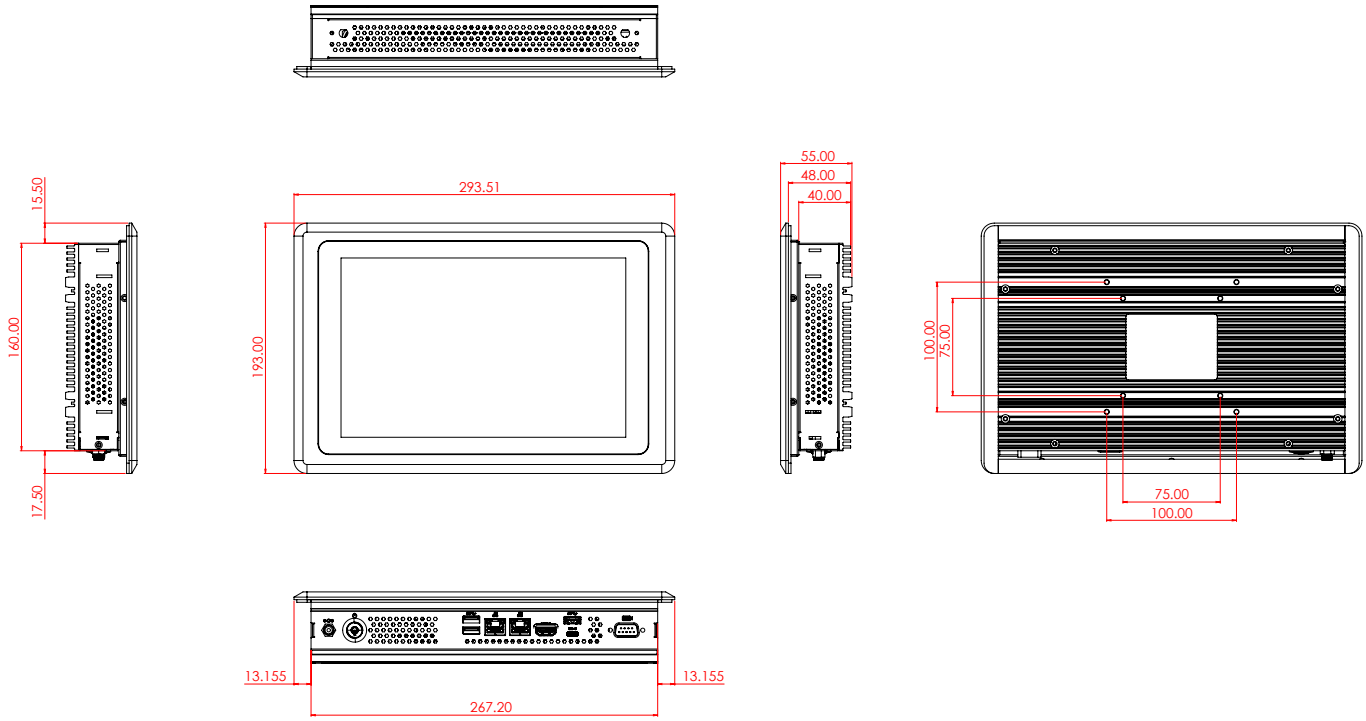
Multiple Expansions

M.2 2230 E Key
M.2 3052 B Key
M.2 2280 M Key

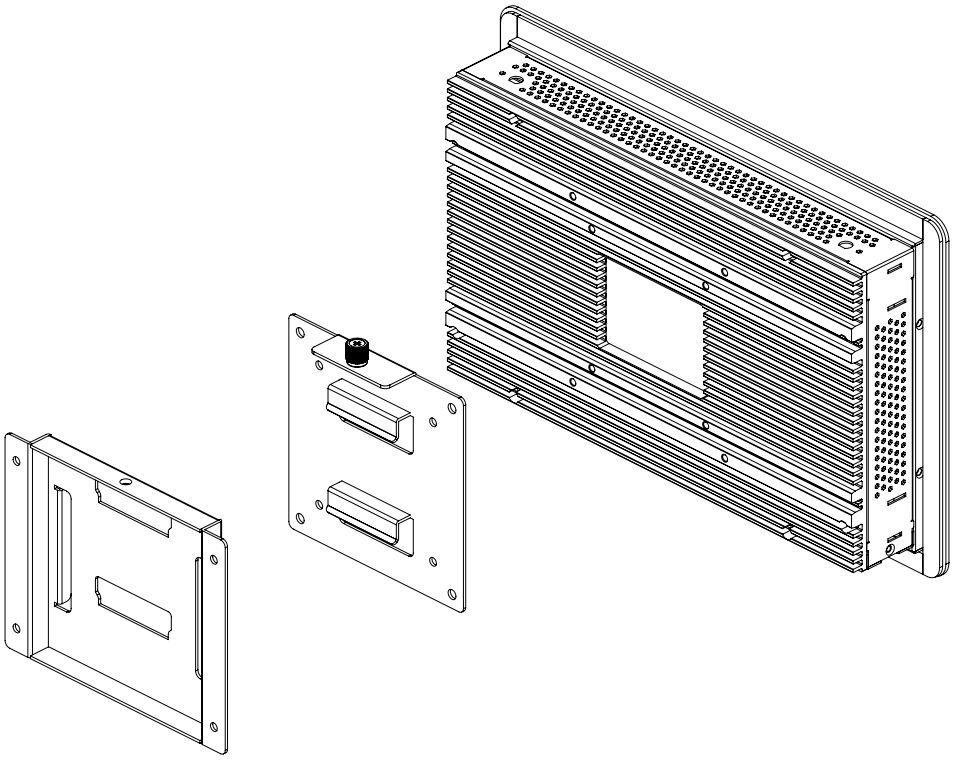
Wide Voltage

Support 9 ~ 36V

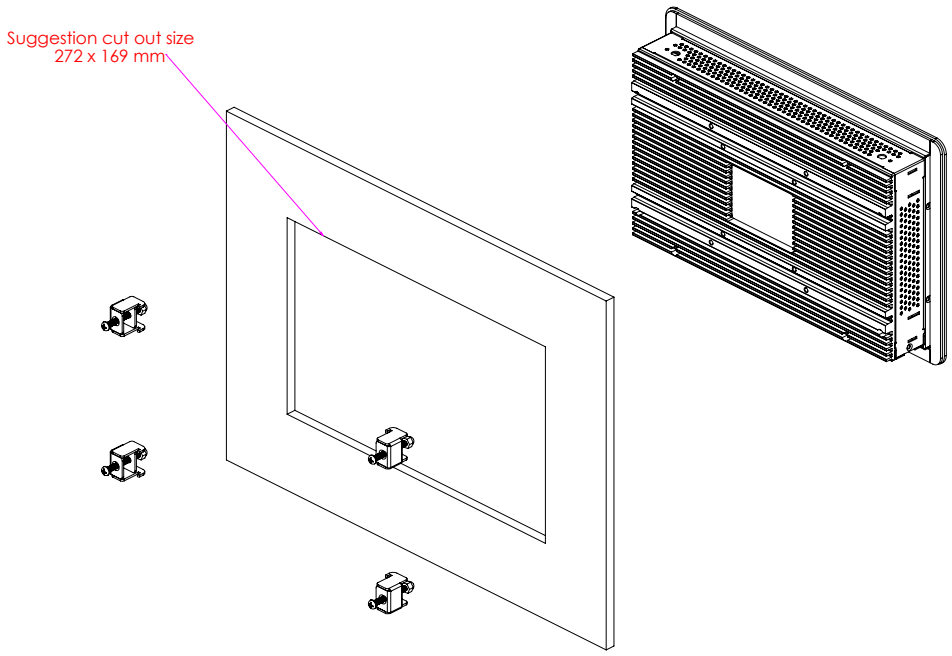
DIMENSIONS


15.50
160.00
17.50
293.51
193.00
55.00
48.00
40.00
100.00
75.00
75.00
100.00
13.155
13.155
267.20

VESA MOUNTING



PANEL MOUNTING



SPECIFICATION

DISPLAY AND TOUCH SCREEN	**Display**	10.1" TFT LCD Panel	
	Aspect Ratio	16 : 10	
	Max. Resolution	1280 x 800	
	Touch Type	Projected Capacitive	
	Brightness	500 (cd/m^2)	
	Backlight Lifetime	50,000 (hours)	
SYSTEM	**Processor**	Intel® Core™ Ultra 7 155U, 12C, 12M Cache, 1.7GHz (4.8GHz) Intel® Core™ Ultra 5 125U, 12C, 12M Cache, 1.3GHz (4.3GHz)	
	Memory	Two 262-pin SODIMM DDR5 5600MHz up to 96GB	
	BIOS	AMI SPI 256Mbit (supports UEFI boot only)	
GRAPHICS	**Controller**	Intel® Graphics	
	Feature	OpenGL 4.6, Direct X 12.1, OpenCL 3.0 HW Decode: HEVC, VP9, AV1, AVC HW Encode: HEVC, VP9, AV1, AVC	
	Display	1 x HDMI 1.4b 1 x USB-C DP Alt. mode	HDMI: resolution up to 4096x2160@24Hz
	Dual Displays	HDMI 1.4b + USB-C DP Alt. mode	
EXPANSION	**Interface**	1 x M.2 M key 2280 (PCIe Gen4 x4) 1 x M.2 B key 3052 (USB 3.0/2.0, PCIe x1, SATA), 1 x SIM slot for 4G/5G 1 x M.2 E key 2230 (USB 2.0/PCIe x1)	
I/O	**Ethernet**	2 x 2.5GbE (RJ-45)	
	Serial	1 x RS232/422/485	
	USB	3 x USB 3.2 1 x USB Type C	
	Display	1 x HDMI 1.4b 1 x USB-C DP Alt. mode	
	Audio	Line-out/Mic-in	
	Button	1 x Power Button	
POWER	**Type**	DC 9-36V	
	Connector	DC Jack	
MECHANISM	**Construction**	Aluminum Front Bezel	
	Mounting	VESA mount 100 x 100	
	IP Rating	IP65 Front Panel Protection	
	Dimensions(W x H x D)	294 x 193 x 55 mm	
	Weight	3 Kg	
ENVIRONMENT	**Operating Temperature**	-20 ~ 60°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	
	Vibration	OP: Random, 1Grms @ 5~500Hz, 30min Non-OP: Sweep sine, 3Grms @ 10~500Hz, 30min	
	Certifications	CE, FCC, UKCA, RoHS	

ORDERING INFORMATION

Model Name	Part Number	Description
KS101P-MTHW36-155U	750-KS1013-000G	KS101P-MTH: KS101P-MTHW36-155U, 10.1" TFT WXGA Fan-less Panel PC with Projected Capacitive Touch, Intel® Ultra 7 155U, DC Input 9-36V DC jack
KS101P-MTHW36-125U	750-KS1013-100G	KS101P-MTH: KS101P-MTHW36-125U, 10.1" TFT WXGA Fan-less Panel PC with Projected Capacitive Touch, Intel® Ultra 5 125U, DC Input 9-36V DC jack

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
Panel Mount	761-VS1010-000G	ACCESSORY PANEL MOUNT KITS VIS101, RoHS

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

PACKING LIST

- 1 KS101P-MTH Touch Panel PC
- 1 Poron foam
- 1 Quick Installation Guide

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