Panel PC INF-PPC-2-I3-17

17.0" SXGA industrial Pcap. Touch Panel PC

Version: 1.0

Features
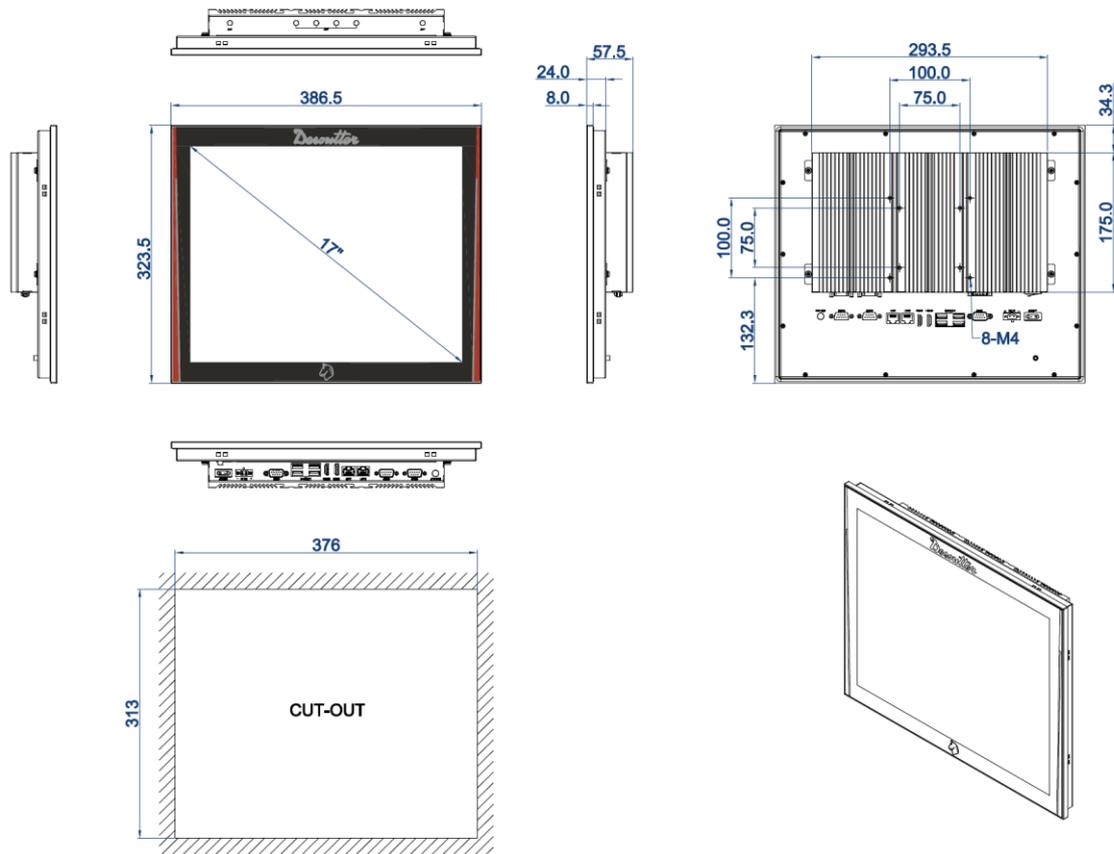
● 17.0" TFT LCD display, LED Backlit, SXGA 1280 *1024;

● Intel 8th-Gen. Whiskey Lake -U dual-core i3-8145U processor;

● Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;

● Aluminum-magnesium alloy, Anodized treatment, Modular designed;

● Customized front bezel with customer logo;

● Wide voltage DC 9~36V, over-current, over-voltage and polarity protection;

● 2*GLAN, 4*USB3.0, 3*COM, 2*HDMI;

● Intel PTT TPM2.0, support Windows 11 OS;

● Fan-less & Slim design, Panel mount and VESA, Front IP65 protection.

Specification

Hardware & System		
	BIOS	SPI AMI EEI BIOS
	CPU	Core i3-8145U, Dual-core 2.1Ghz
	Memory	SO-DIMM, DDR4-1866/2133/2400 MT/s, Max. up to 16GB
	Storage	1* M.2 NGFF Key-M/B slot (PCIe x4, 2242/2280) + 1* 2.5" SATA slot
	Graphic	Intel HD Graphics 620
	Network	1* Intel I211AT, and 1* Intel I219V LAN chips (Optional Wi-Fi)
	Audio	On-board Realtek ACL 662 audio controller
	TPM	Intel PTT TPM2.0
	Watch dog	0~256 seconds programmable
	OS	Win10, Win11, Linux
IO interface	COM	3*RS232 (Optional 1* RS485)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Line-out (Optional)
	USB	4x USB3.0
	Display	2x HDMI
	Speaker	2x 2w
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	17.0" TFT LCD
	Resolution	1366 * 768 (WXGA)
	Brightness	350 nits
	Backlit & MTBF	WLED backlit & 50 000hours
	Display area	344.23 * 193.54
	View angle	85/85/80/80
Touchscreen	Type	Projective capacitive touchscreen
	Touch points	Multi points touch, max. up to 10 points
	Durability	>100 000 000 times
	Surface hardness	Mohs 6H
	Special treatment	Anti-fingerprint (AF)
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount, VESA 75/100
	Cooling system	Large area finned heat sink
	Overall dimension	386.5* 323.5 * 57.5 (mm)
	Cut-out dimension	376 * 313 (mm)
	Net weight	4.6 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	0 ~ +50℃
	Storage temp.	-20 ~ +60℃
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	Wide voltage DC 9~36V
	Power consumption	Around 40W
	EMC	CE/FCC Class A

Dimension

DIMENSIONAL DRAWING:TPC-DCS170-365

DIMENSIONS IN MILLIMETERS

DATE:2022.05.19
REV:A Unit:mm

Ordering info.

Part no.	Description
INF-PPC-2-I3-17	17.0", SXGA 1280 * 1024, Intel Core i3-8145U, Pcap. touch, 2*GLAN, 4*USB3.0, 3*COM, 2*HDMI, DC 9~36V
Memory	SO-DIMM, DDR4,4GB/8GB/16GB Memory
Storage	M.2 SSD: 128GB/256GB/512GB/1TB
	2.5" SATA SSD: 256GB/512GB
	2.5"HDD: 2TB/4TB
Wireless modules	Wi-Fi module, with Antenna (M.2 interface)

Packing List

■	1x Standard Product
■	1x 60W PSU (Power Supply)
■	1x Power cable & Plug
■	8x Panel mount metal clips

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The information in this specification is subject to change without notice.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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