

KRATOS-15.6P

15.6" FHD Full IP66 & IP69K Stainless Steel Panel PC; Intel Elkhart Lake J6412;1 GbE, 2 USB, 1 COM, 1 DC-IN; Pcap. Touchscreen

Version: 3.2



Features:

- High strength 304 stainless steel, optional 316 type;
- Wide 15.6" TFT LCD Display, WLED Backlit, FHD 1920*1080;
- Intel Elkhart Lake J6412 processor, Quad-core 2.0Ghz;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- DC 12V power input, optional wide DC 9 ~36v input;
- M12 water-proof connector, 1 GbE, 2 USB, 1 COM, 1 DC-IN;
- Flexible I/O expansion (Max. to 4), support GbE, USB, COM;
- Intel PTTTPM2.0, support Windows 11;
- Fanless & slim design, air vent valve design;

Specification



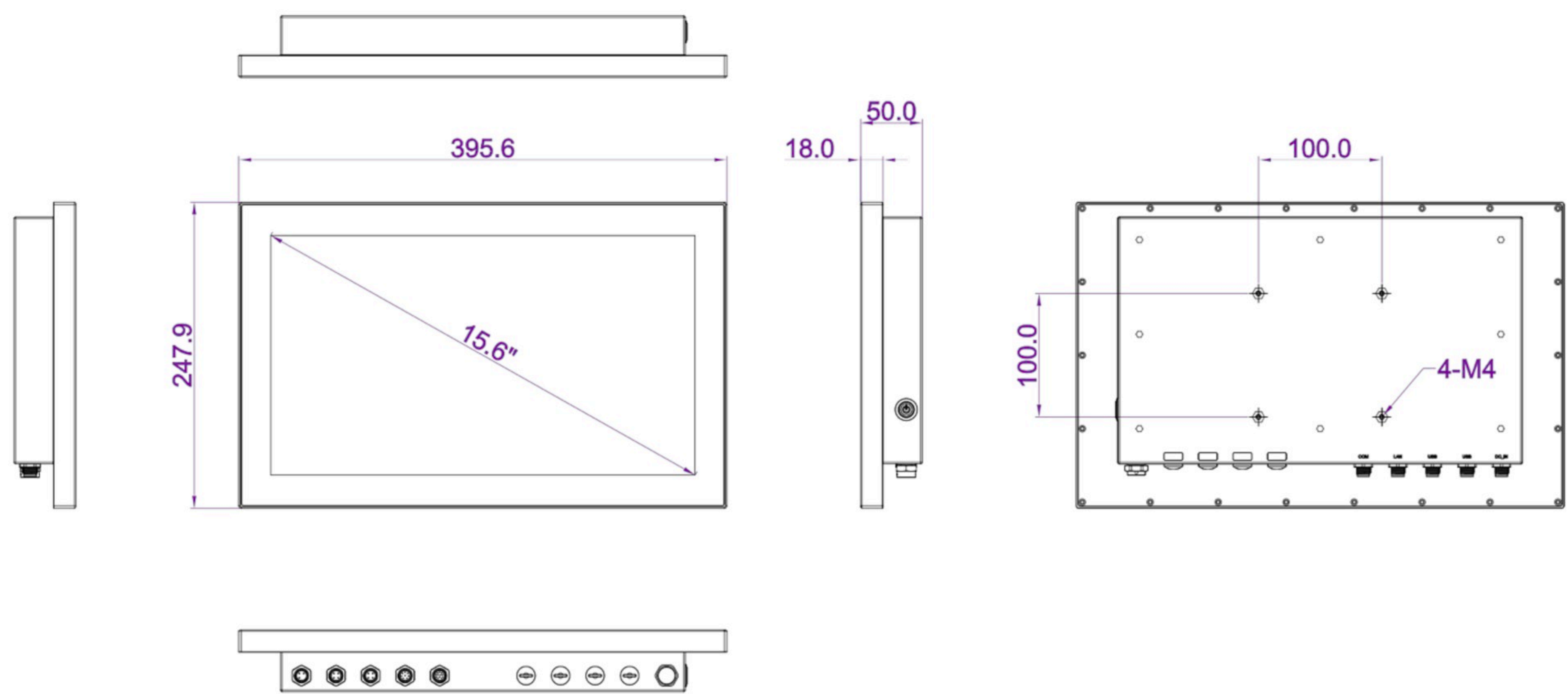
Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Elkhart Lake Celeron J6412, Quad-core 2.0Ghz, burst to 2.6Ghz, TDP 10W
	Memory	SO-DIMM, Support DDR4 2666/2933/3200 Mhz, max. up to 32GB
	Storage	1 M.2 2280 M-key (PCIe x2 Gen.III, NVMe) SSD
	Graphic	Intel UHD Graphics for 10 th Gen. Intel processors
	Watchdog	0 ~ 256 seconds programmable
	OS	Win10, Win11, Linux, Ubuntu
I/O Interface	COM	1 RS232
	Ethernet	1 RJ45
	USB	2 USB
	Power	1 DC-IN
LCD Display	Size/Type	15.6" TFT LCD Display
	Resolution	1920 * 1080 (WXGA)
	Brightness	450 nits
	Backlit & Lifetime	LED Backlit & 50K hours
	Display Area	344.16 * 193.59 (mm)
	View Angle	89/89/89/89
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 & surface	304 stainless steel material, optional 316 stainless steel material
	Mount method	VESA 100
	Cooling system	Fanless designed with 1 Air vent valve
	Overall Dimension	395.6 * 247.9 * 50.0 (mm)
	Net Weight	5.6KG
	IP Protection	Full IP66 & IP69K
Power & Environmental	Operating temp.	-20 ~ + 60 (°C)
	Storage temp.	-40 ~ + 80 (°C)
	Humidity	10 ~ 95% @ 10C (No condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 12V (Optional wide voltage DC 9~36V)
	Power consumption	About 35W
	Certificate	CE/FCC/ROHS



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DIMENSIONAL DRAWING: KRATOS-15.6P

Dimension (mm)



DIMENSIONS IN MILLIMETERS


DATE:2024.01.06
REV:A Unit:mm

Ordering information

Part no.	Description
TPC-SCS156HE1	Full IP66 & IP69K Panel PC, 15.6" LCD, FHD 1920 *1080, Intel J6412, Pcap. Touch, 1 GbE, 2 USB, 1 COM, DC 12V, PSU
TPC-SCS156HE1W	Full IP66 & IP69K Panel PC, 15.6" LCD, FHD 1920 *1080, Intel J6412, Pcap. Touch, 1 GbE, 2 USB, 1 COM, DC 9 to 36V, No PSU by default
Optional Accessories	Description
Memory	SO-DIMM, DDR4, 4GB/8GB/16GB
Storage	M.2 SSD: 128GB/256GB/512GB
Power Supply	Optional PSU for TPC-SCS156HE1W (If needed)

Packing List

Description	Quantity	Description	Quantity
Standard TPC-SCS156HE1 Panel PC	1 piece	2 meters Ethernet cable with one side M12 connector	1 piece
2 meters COM Cable with one side M12 connector	1 piece	2 meters USB Cable with one side M12 connector	2 pieces
2 meters Power input cable with one side M12 connector	1 piece		

