



## Features:

- Modular & Fanless designed, aluminum-magnesium alloy;
- Intel 11<sup>th</sup> Gen. Tiger Lake UP3, Celeron, Core i3/i5/i7 CPUs;
- 19.0" TFT LCD Display, LED Backlit, SXGA 1280\*1024;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- DC 12V Power input, optional wide DC 9~36V input;
- I/O interfaces: 2 GbE, 6 USB3.0, 2 COM, 2 HDMI, Audio;
- Intel PTT TPM2.0, Support Windows 11 OS;
- Panel mount, VESA 75/100 mount, Front IP65 rated protection;
- Optional 2 M.2 Expansion slots.

## Specification



<b>Hardware &amp; System</b>	BIOS	SPI AMI EEI BIOS
	CPU	Intel 11 <sup>th</sup> Gen. Tiger Lake UP3 Celeron 6305E, Core i3-1115G4, Core i5-1155G7, Core i7-1195G7
	TDP	Default 15W (BIOS Configured)
	Graphic	Intel UHD/Iris Xe Graphics
	Memory	SO-DIMM, Support DDR4 2666/2933/3200 Mhz, Max. up to 32GB
	Storage	1* M.2 2280 M-Key (PCIe x4, Gen. IV NVMe) SSD, 1* 2.5" SATA SSD
	Network	1* Intel i219V, 1* Intel i225V, Optional wireless 3G/4G/LTE, Wi-Fi/BT, 5G/Wi-Fi 6
	Audio	On-board Realtek ACL 897 Audio controller
	Expansion	1* M.2 (NGFF) B-Key 3052 slot; 1* M.2 (NGFF) E-Key 2230 slot
	Watch dog	0 ~ 256 seconds programmable
	Operating System	Win10, Win11, Linux, Ubuntu
<b>I/O Interface</b>	Ethernet	2 RJ45, 10/100/1000 Mbps
	COM	2* RS232 by default (Optional 1* RS485 or 8* GPIO)
	Audio	Mic-In/Line-out (2 in 1, 4.0mm Jack)
	USB	6* USB3.0
	Display	2* HDMI
	Power	1* 2 Pins, Phenix Terminal
<b>LCD Display</b>	Size/Type	19.0" TFT LCD Display
	Resolution	1280 * 1024 (SXGA)
	Brightness	250 nits
	Backlit & Lifetime	LED Backlit & 30K hours
	Display Area	376.32* 301.06 (mm)
	View Angle	85/85/80/80
<b>Touchscreen</b>	Type	Projective capacitive touchscreen
	Touch points	Multi points touch, max. up to 10 points
	Durability	>100 000 000 times
	Surface Hardness	MOHS 6H
	Touch Controller	EETI
	Special Treatment	Anti-Fingerprint (AF)
<b>Structure</b>	Structure & Surface	Magnesium-Aluminum alloy, sand blasting, anodized treated
	Cooling System	Large area finned heatsink (Fanless designed)
	Overall Dimension	422.3 * 353.0 * 57.5 (mm)
	Cut-out Dimension	411 * 342 (mm)
	Net Weight	6.2 KG
	Mount Method	Panel mount, VESA 75/100 Mount
	Operating temp.	0 ~ + 50 (°C)

