



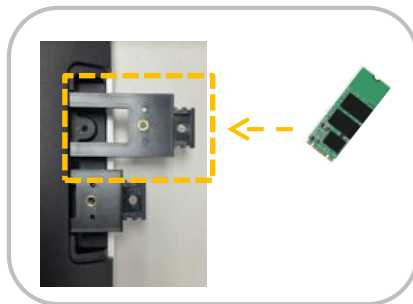
### Features

- 15" all-in-one panel PC with bezel-free touch display
- Power efficient Intel® Celeron® Elkhart Lake J6412 Processor
- Easy access M.2 SSD for installation and maintenance
- Optional VFD, 9.7" & 15" attached customer display
- Optional MSR, iButton, fingerprint, 2D scanner, and RFID
- Support Type C USB 3.2 Gen1
- Trusted Platform Module 2.0 for data security
- Support NVMe 2.0

Model			Ares550
Display	Display Size		15" TFT LCD
	Resolution		1024 X 768
	Brightness / Color		300 cd/m <sup>2</sup> , 16.2M colors
	Backlight		LED
Touch Panel	Type		Projected capacitive touch
Processor	CPU/ Chipset		Intel® Celeron® Elkhart Lake J6412
Memory	X 2 SO-DIMM socket supports up to 32GB		
Storage	X 1 (M.2 SSD M-Key supports 2242 & 2280 ) NVMe PCI-e Gen3 x 4		
	X 1 (M.2 SSD M-Key Supports 2242 & 2280 ) only SATA		
I/O Connectors	USB 2.0		X 5 (Rear X 4, Side X 1)
	USB 3.2 Gen1		X 3 (Rear)
	USB Type-C 3.2 Gen1		X1
	WIFI		X1 E-Key (Supports WIFI & Bluetooth)
	Powered COM		X3 (RJ45 Powered COM 5V/ 12V selected by BIOS)
	Powered USB 2.0		X1 Powered USB 24V (Retain adapter 150W )
	Cash Drawer Port		X 1 (24V RJ11 cash drawer port)
	Audio Port	Speaker	X1 (2W)
		Line Out	X1
	LAN		x 1 (RJ45 10/ 100/ 1000 Base-T)
DC In		Lockable 3-pin DC input	
Optional Peripherals			VFD/ 2 <sup>nd</sup> display 9.7" & 15" / MSR/ iButton/ RFID/ Fingerprint/ 2D Scanner/ Printer Stand
Power Supply			60W / Option 90W/ 150W 19V lockable 3-pin power adapter
OS Support			Windows 10 IoT
Environment	Temperature	Operation	32° to 95° F (0° to 35° C)
		Storage	-4° to 140° F (-20° to 60° C)
	Relative Humidity		20% to 80% non-condensing
Dimension (W x H x D) mm			333 x 220 x 346 mm
Certifications			CE/ FCC/ LVD
Protection			IP64 on front bezel



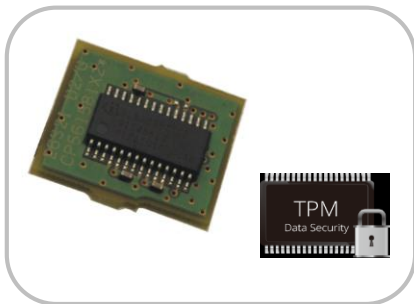
15" solid aluminum die-casting rear cover with fanless design is powered by Intel®Celeron® Elkhart Lake J6412



Easy access M.2 SSD M-Key  
PCI-e Gen 3 x 4 NVME



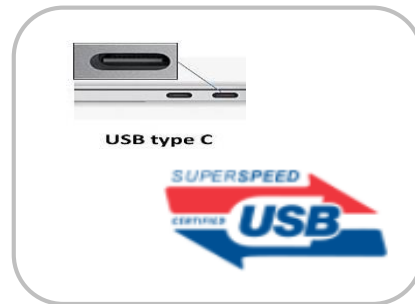
PCI-E Gen3 x4 M.2 SSD with 4 times faster speed than SATA3



Trusted Platform Module for data security



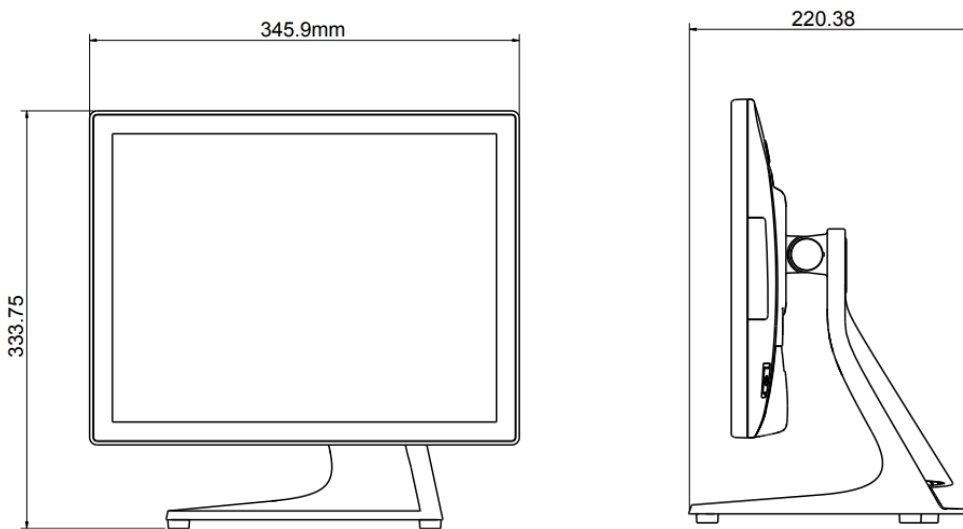
Optional VFD/ 2<sup>nd</sup> display 9.7" & 15" / MSR / iButton / RFID / Fingerprint / 2D Scanner



Support Type C USB 3.2 Gen1

## Mechanical Layout / Drawing

Unit: mm



I/O Interface

