



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" 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 ² , 16.2M colors	
	Backlight		LED	
Touch Panel	Type		Projected capacitive touch	
Processor	CPU/ Chipset		Intel® Celeron® Elkhart Lake J6412	
Memory	X1 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 nd display 9.7"/ MSR/ iButton/ RFID/ Fingerprint/ 2D Scanner		
Power Supply		60W/ 90W (Option)/ 150W (Option) 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		



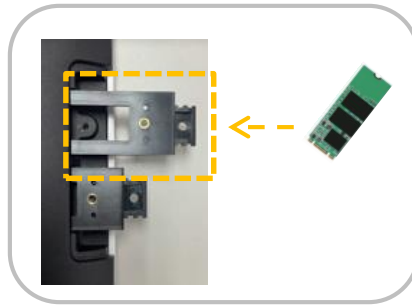
Specifications subject to change without notice.

Ares550

All-in One POS Terminal



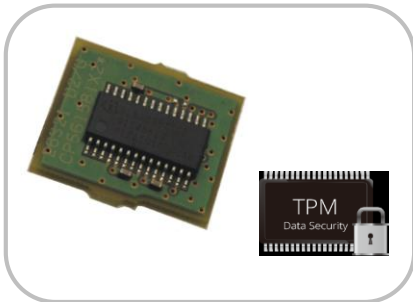
15" solid aluminum die-casting rear cover with fanless design is powered by Intel® Celeron® Elkhart Lake J6412



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



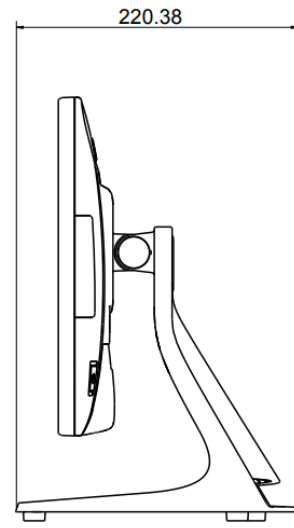
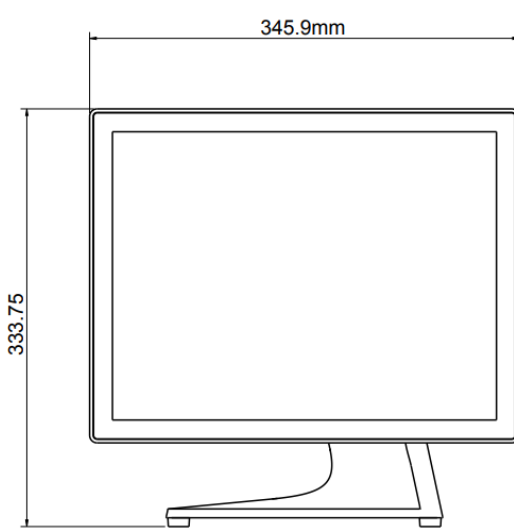
Optional VFD/ 2nd display 9.7" / MSR/
iButton/ RFID/ Fingerprint/ 2D Scanner



Support Type C USB 3.2 Gen1

Mechanical Layout / Drawing

Unit: mm



I/O Interface

