

Ares850 POS Sales Kit

Q1/2023

Ares850 15" POS Terminal



Dimension (W x H x D)
Panel PC: 346 x 338 x 42 mm
w/ Y Stand: 333 x 220 x 346 mm

Features:

- 15" Panel PC POS with slim bezel-free touch display
- Power efficient Intel® 12th Gen (Alder Lake-P) Core™ Processors
- Aluminum housing with fanless & ventless design
- Rich I/O interfaces for peripheral connections
- Easy access M.2 SSD for installation and maintenance
- Optional MSR/ 2nd display 9.7" & 15"/ iButton / RFID/ 2D Scanner/ Fingerprint integrated at the side of the touchscreen



Create unlimited possibilities for Retail Pro Segments



Backup

Support Software
RAID 0/1 for storage
backup plan
avoiding data loss



Faster

Faster Storage
read/write: PCI-Ex4
M.2 SSD, **4 times**
speed faster than
SATA3 SSD



USB Type-C

USB Type-C

Support Type-C
Application



M.2 Storage

Support Dual m.2
SSD 2280 & 2242

Create unlimited possibilities for Retail Pro Segments



Secure

Double security with **TPM** (Trust Platform Module)



Extension

Default 24V /12V DC Out for more POS Peripherals

Features Highlight



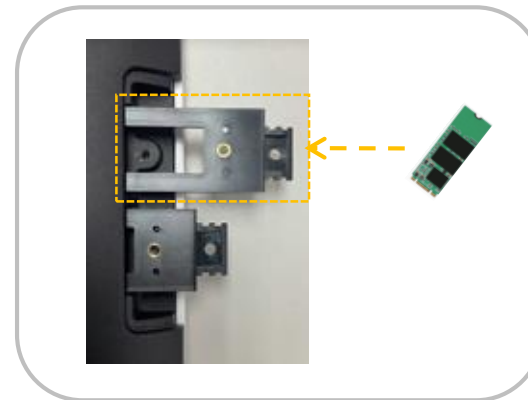
15" solid aluminum die-casting rear cover with fanless design



VESA 75 X 75



Slim design
4.2mm

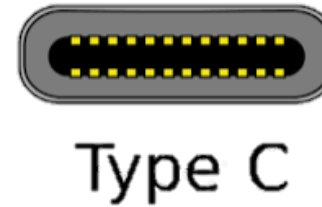


Easy access M.2 SSD M-Key
PCI-e Gen 3 x 4 NVME

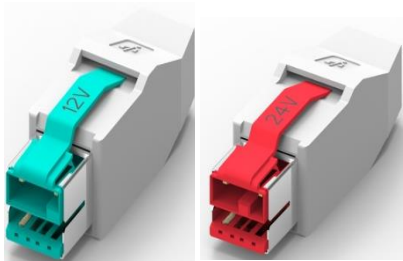
Features Highlight



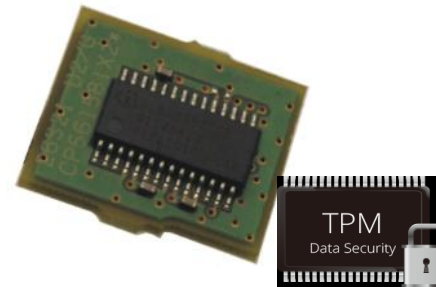
Intel® 12th Gen (Alder Lake-P)
Core™ Processors



Type-C USB Interface
more application



Default Power USB 24V& 12V
to connect with printer and
the other devices



Trusted Platform Module
for data security

Ares850 Specification

Model		Ares850	
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® Core™ i5-1245UE Intel® Core™ i3-1215UE	
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	X 1	
	WIFI	X 1 E-Key (Supports WiFi & Bluetooth)	
	Powered COM	X 3 (RJ45 Powered COM 5V/ 12V selected by BIOS)	
	Powered USB 2.0	X 1 Powered USB 24V (Retain adapter 150W)	
	Cash Drawer Port	X 1 (24V RJ11 cash drawer port)	
	Audio Port	Speaker	X 1 (2W)
		Line Out	X 1
	LAN	X 1 (RJ45 10/ 100/ 1000 Base-T)	
DC In	Lockable 3-pin DC input		
Optional Peripherals		VFD/ 2 nd display 9.7" & 15"/ MSR/ iButton/ RFID/ Fingerprint/ 2D Scanner	
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/ UKCA	
Protection		IP64 on front bezel	

Specifications are subject to change without notice.