



ZORRO



Unique "z" type foldable system design



Rich I/O: USB*6,VGA*1,LAN*1,RJ11*1,COM*3,DC-IN*1, Audio combo*1 (Cash drawer port as standard configuration)



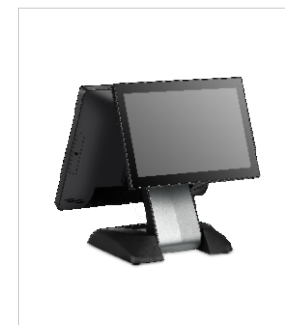
MSR & COMBO



VFD 2x20 characters



9.7" 2nd display



11.6" 2nd display

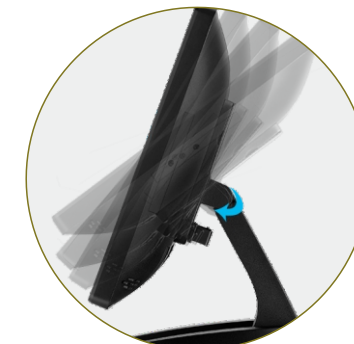
- Aluminum die-casting
- Fanless cooling system
- Splash and dust prevent



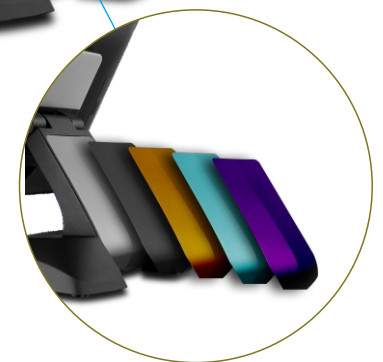
Easy-swap SSD



Flexible tilt angle (120 degree)



Clean cable management



Customized color



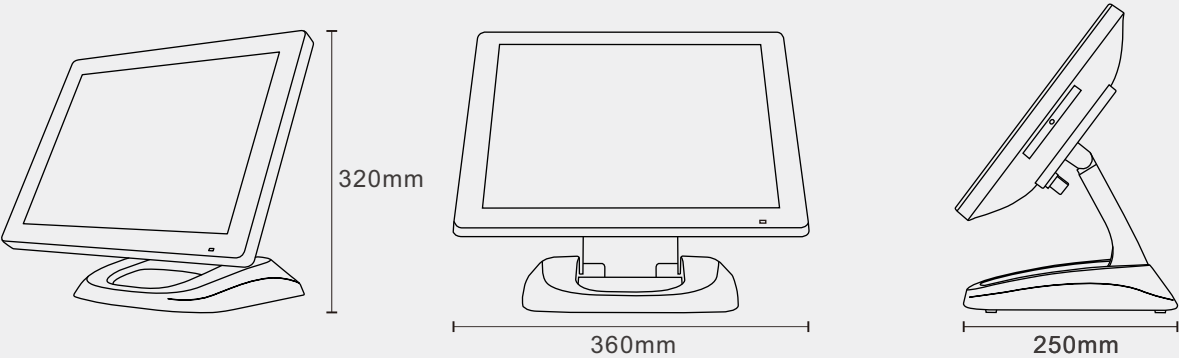
Foldable Fan-free POS Terminal

- Intel® CPU Elkhart Lake J6412, Tiger Lake Core™ I3, I5
- 15" Industrial-grade LCD with PCT
- Fan-free & Aluminum die-casting housing
- DDR4 memory
- Easy swap SATA 2.5" SSD
- Spill and dust resistant
- Folding base design
- VESA mount
- Modular options: 2nd Display, MSR (Combo), NFC, VFD, Fingerprint reader
- VGA power setting via BIOS for second display
- Rich I/O ports



ZORRO

Dimensions



Z3 Data Sheet

Model Number		Z3	
CPU Support		Intel Elkhart Lake Celeron J6412, 2.0GHz, (up to 2.60 GHz), Fanless	Intel Tiger Lake Core i3-1115G4, 3.0GHz, (up to 4.1GHz), Fanless Intel Tiger Lake Core i5-1135G7, 2.4GHz, (up to 4.2GHz), Fanless
System Memory		1 x DDR4, SO-DIMM, 4GB (Max. 32GB)	1 x DDR4, SO-DIMM, 4GB (Max. 64GB)
Storage	SATA	1 x 2.5" SATA SSD 128GB (64GB / 256GB / 512GB optional)	1 x M.2 SATA 128G(64G/256G/512G optional)
	mSATA	1 x mSATA-SSD(Optional)	
LCD	Size	15" TFT LCD Panel	
	Brightness	250~350cd/m2 (Typ.)	
	Resolution	1024 x 768	
Touch Screen		True-Flat Projected Capacitive Touch	
Tilt Angle		0 ~ 120 degree	
External I/O Port	USB	4 x USB 3.0 +2 x USB 2.0 (Powerd, default setting)	4 x USB 3.0 +2 x USB 2.0
	Serial port	3 x Serial port (RJ50); (COM1~3: 0/5/12V by pin-JP)	2 x Serial port (RJ50); (COM1~2: 0/5/12V by pin-JP)
	VGA	1 x VGA (Power enable by BIOS; +12V)	N/A
	HDMI	1 x HDMI Connector (enable by BIOS, VGA Colay)	1 x HDMI
	Cash Drawer Port	1 x RJ11, 24V default, 12V optional by pin-jp	N/A
	LAN	1 x LAN (10/100/1000Mb)	
	AUDIO	1 x Mic-In/Speaker-out (Combo Jack)	
	DC-IN	1 x DC-IN(4PIN)	1 x DC-IN
	DC-Out	N/A	1 x DC 12V (2nd Display Power)
	Power Switch	1 x Power Switch	
Speaker		2 x 2W speaker (Optional)	
Power		External power adapter, 12V-5A/60W	External power adapter, 12V-7A/84W
EMC Safety		CE, FCC, UKCA, ROHS	
Environment	Operating Temperature	0°C ~ 35°C	
	Storage Temperature	-15°C ~ 60°C	
	Operating Humidity	20% - 85% RH non condensing	
	Storage Humidity	20% - 85% RH non condensing	
OS Support		Windows 11/10 LTSC, Ubuntu 20.0.4	
Dimension (W x D x H)		360mm x 250mm x 320mm	
Weight (N.W.)		4.6kg	
Wall Mount		VESA 100 x 100mm	
Optional	WIFI	mPCI-E WiFi/BT Module	
	Fingerprint Reader	U4500 (USB Fingerprint Reader Module)	
	RFID	RD04 Support ISO/IEC 14443A/MIFARE & 14443B, FeliCa, ISO/IEC 18092, ECMA 340 NFCIP-1 Peer-to-Peer	
	MSR	MSR + iButton (Combo) or MSR +RFID (Combo), USB, 1, 2, 3 Track, ISO7810, 7811-1/2/3/4/5, IBM, AAMVA, JIS-2 Standard	
	Scanner	DY3090 (USB,1D,2D,Reading precision: = 3mil, Dimension:21.4mm x 10.8mm x 15.2mm)	
	Customer display	VFD display, USB (VCOM), 2 x 20 characters	
	2nd Display	VGA, 9.7" (1024 x 768) VGA, 11.6" (1366 x 768) VGA, 12.1" (1280 x 800)	HDMI, 11.6" (1366 x 768)