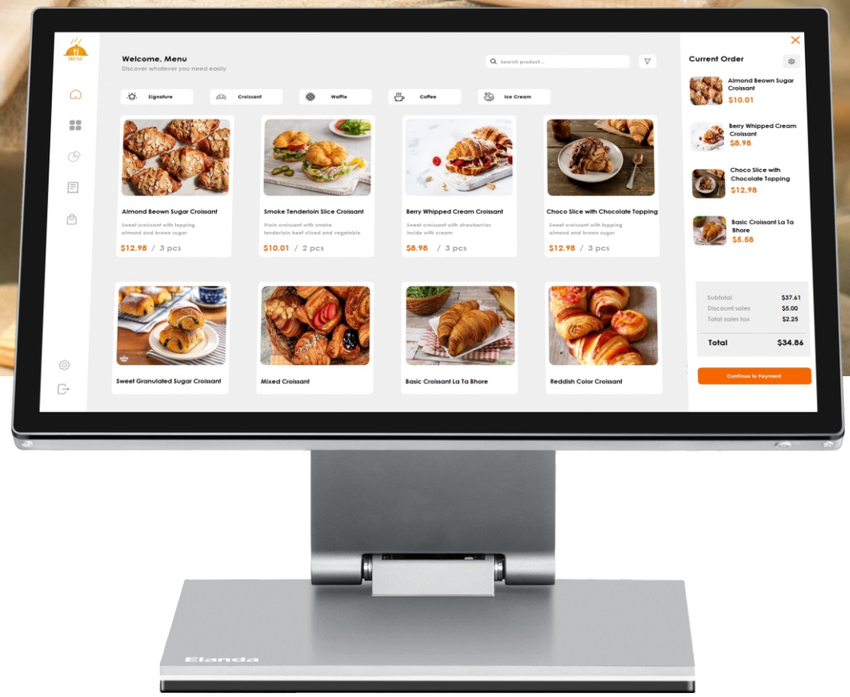


MERCURY X3

Narrow Bezel Foldable POS Terminal



15.6" FHD Display

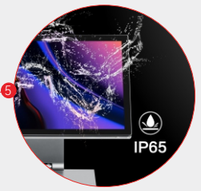


Second Display

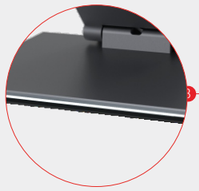


Narrow Bezel
Screen Bezel Width only 12mm





High-grade Waterproof Design



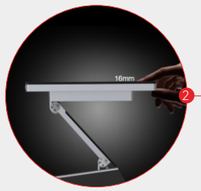
LED Light



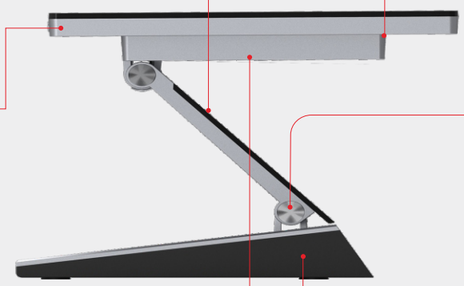
High Brightness Display

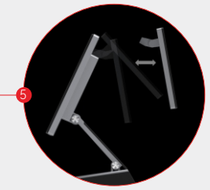


Personalized Customization



Ultra-Slim Design





Easy Installation & Maintenance



Innovative Dual Hinge Foldable Design



Fan-Free Design



Clean Cable Management















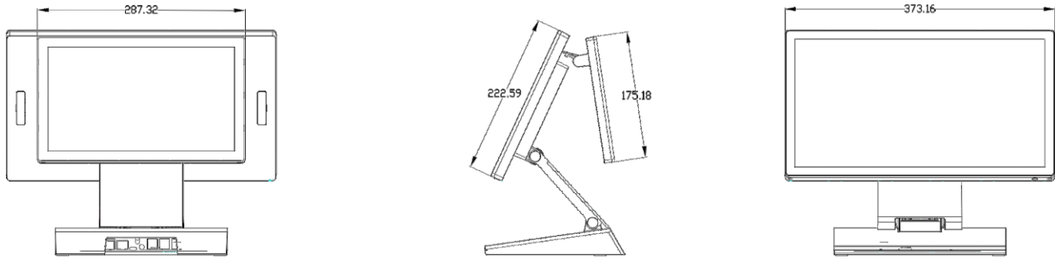


Features

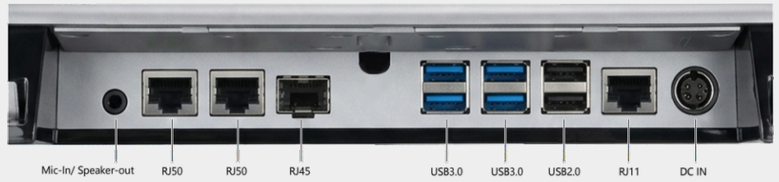
- Stylish Design with 12mm Ultra-Narrow Bezel
- Support Intel® i3/i5 12th/13th Gen, N97, N95 CPU
- 15.6" Industrial-Grade LCD with IP65 Rated PCT Touch
- Fan-Free, Aluminum Die-Casting Robust Housing
- Innovative Dual-Hinge Design that Minimizes overall footprint.
- Expandable modular design with Pogo pin interface (MSR+i-Button / Fingerprint / Scanner)
- Invisible Cable management
- Rich I/O interface with Type-C for Second Display
- Power USB 12V / 24V (Premium Version)



Dimensions



Standard I/O



Premium I/O











X3 Specification (Standard)

Model		X3 (Standard)		
Processor		Intel® Processor N97 6M Cache, up to 3.60 GHz, Fan-Free Intel® Processor N95 6M Cache, up to 3.40 GHz, Fan-Free	Intel® Core™ i3-1215U Processor 10M Cache, up to 4.40 GHz, Fan-Free Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz, Fan-Free	Intel® Core™ i3-1315U Processor 10M Cache, up to 4.50 GHz, Fan-Free Intel® Core™ i5-1335U Processor 12M Cache, up to 4.60 GHz, Fan-Free
System Memory		1 x DDR4, SO-DIMM, 8GB (Max. 16GB)	1 x DDR4, SO-DIMM, 8GB (Max. 32GB)	
Storage	SATA	N/A		
	mSATA/M.2	1 x M.2 SSD 128GB (256GB/512GB Optional NVME/SATA Adaptive)		
LCD	Size	15.6" TFT LCD Panel		
	Brightness	350 cd/m² (Typ.)		
	Resolution	1920 x 1080		
Touch Screen		True-Flat Projected Capacitive Touch		
Tilt Angle		The Screen Supports 0 to 180 Degrees (Single Screen), the Base Supports 0 ~50 Degree		
External I/O Port	USB	4 x USB 3.0 + 2 x USB 2.0		
	Serial Port	2 x Serial Port (RJ50)		
	VGA	N/A		
	HDMI	N/A		
	LAN	1 x LAN (10/100/1000Mb)		
	Audio	1 x Mic-in/Speaker-out (Combo Jack)		
	Cash Drawer Port	1 x RJ11, 12V (Compatible with 24V Cash Drawers)		
	DC-in	1 x DC-in (4Pin)		
	DC-out	N/A		
	Power Switch	1 x Power Switch (with Indicator Light)		
Power		External Power Adapter, 24V-2.75A/66W	External Power Adapter, 24V-4A/96W	
WiFi		M.2 Key-E Slot 2230 WiFi2.4-5G/BT4.0 (Optional)		
Base Indicator Light		White, 230mm x 5.8mm x 2.8mm		
OS Support		Windows 11 IoT, Windows 10 IoT LTSC, Ubuntu		
Certification		CE, FCC, UKCA, RoHS		
Environment	Operating Temperature	0°C ~ 40°C		
	Storage Temperature	-15°C ~ 70°C		
	Operating Humidity	20% - 85% RH Non Condensing		
	Storage Humidity	20% - 85% RH Non Condensing		
Dimension (W x D x H)/Weight (N.W.)		15.6" Single Screen: 365 mm x 190 mm x 290 mm, 4.8 Kg		
		15.6"+11.6" Dual Screen: 365 mm x 190 mm x 290mm, 6.0 Kg		
Packing Dimension (W x D x H)/Weight (G.W.)		15.6" Single Screen: 473mm x 170mm x 315mm, 6.7Kg		
		15.6"+11.6" Dual Screen: 473mm x 236mm x 315mm, 7.9Kg		
Optional	Speaker	2 x 2W Speaker		
	MSR	MSR or MSR+iButton (Combo), USB (VCOM Optional), 1/2 /3 Track, ISO7810, 7811-1/2/3/4/5, IBM, AAMVA, JIS-2 Standard		
	Scanner	NLS-CEM200 (1D, 2D, Reading Precision: =5mil, Resolution 640*480, Depth of field 50-165mm)		
	RFID	RD07 Support ISO/IEC 14443A/MIFARE & 14443B, FeliCa, ISO/IEC 18092, ECMA 340 NFCIP-1 Peer-to-Peer		
	Fingerprint	SHU0818 (USB, Image Resolution: 500DPI, Image Size: 256*288 Pixels, Grayscale: 8bit, 256, Image Format: WSQ, PNG, BMP, JPEG, etc)		
	2nd Display	11.6 inch (1920 x 1080) Type-C Signal Input, Optional Touch Function		

X3 Specification (Premium)

Model		X3 (Premium)			
Processor		Intel® Core™ i3-1215U Processor 10M Cache, up to 4.40 GHz, Fan-Free	Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz, Fan-Free	Intel® Core™ i3-1315U Processor 10M Cache, up to 4.50 GHz, Fan-Free	Intel® Core™ i5-1335U Processor 12M Cache, up to 4.60 GHz, Fan-Free
System Memory		1 x DDR4, SO-DIMM, 8GB (Max. 32GB)			
Storage	SATA	N/A			
	mSATA/M.2	1 x M.2 SSD 128GB (256GB/512GB Optional NVME/SATA Adaptive)			
LCD	Size	15.6" TFT LCD Panel			
	Brightness	350 cd/m² (Typ.)			
	Resolution	1920 x 1080			
Touch Screen		True-Flat Projected Capacitive Touch			
Tilt Angle		The Screen Supports 0 to 180 Degrees (Single Screen), the Base Supports 0 ~ 50 Degree			
External I/O Port	USB	1 x Power USB 12V + 1 x Power USB 24V +2 x USB 3.0 + 1 x Type-C + 2 x USB 2.0			
	Serial Port	2 x Serial Port (RJ50)			
	VGA	N/A			
	HDMI	N/A			
	LAN	1 x LAN (10/100/1000Mb)			
	Audio	1 x Mic-in/Speaker-out (Combo Jack)			
	Cash Drawer Port	1 x RJ11, 12V (Compatible with 24V Cash Drawers)			
	DC-in	1 x DC-in (4Pin)			
	DC-out	N/A			
	Power Switch	1 x Power Switch (with Indicator Light)			
Power		External Power Adapter, 24V-5A/120W			
WiFi		M.2 Key-E Slot 2230 WiFi2.4-5G/BT4.0 (Optional)			
Base Indicator Light		White, 230mm x 5.8mm x 2.8mm			
OS Support		Windows 11 IoT, Windows 10 IoT LTSC, Ubuntu			
Certification		CE, FCC, UKCA, RoHS			
Environment	Operating Temperature	0°C ~ 40°C			
	Storage Temperature	-15°C ~ 70°C			
	Operating Humidity	20% - 85% RH Non Condensing			
	Storage Humidity	20% - 85% RH Non Condensing			
Dimension (W x D x H)/Weight (N.W.)		15.6" Single Screen: 373 mm x 189 mm x 312 mm/4.8 Kg			
		15.6"+11.6" Dual Screen: 373 mm x 189 mm x 312 mm/6.0 Kg			
Packing Dimension (W x D x H)/Weight (G.W.)		15.6" Single Screen: 473mm x 170mm x 315mm / 6.7Kg			
		15.6"+11.6" Dual Screen: 473mm x 236mm x 315mm/7.9Kg			
Optional	Speaker	2 x 2W Speaker			
	MSR	MSR or MSR+iButton (Combo), USB (VCOM Optional) , 1/2 /3 Track, ISO7810, 7811-1/2/3/4/5, IBM, AAMVA, JIS-2 Standard			
	Scanner	NLS-CEM200 (1D, 2D, Reading Precision: =5mil, Resolution 640*480, Depth of field 50-165mm)			
	RFID	RD07 Support ISO/IEC 14443A/MIFARE & 14443B, FeliCa, ISO/IEC 18092, ECMA 340 NFCIP-1 Peer-to-Peer			
	Fingerprint	SHU0818 (USB, Image Resolution: 500DPI, Image Size: 256*288 Pixels, Grayscale: 8bit, 256, Image Format: WSQ, PNG, BMP, JPEG, etc)			
	2nd Display	11.6 inch (1920 x 1080) Type-C Signal Input, Optional Touch Function			