

SYSTEM		PHYSICAL & ENVIRONMENTAL	
Processors	Intel® Core™ i5-1135G7 Processor 8M Cache, up to 4.20 GHz Intel® Core™ i3-1115G4 Processor 6M Cache, up to 4.10 GHz Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz	Operating Temperature	0 °C ~ 60 °C at 10% to 90% Humidity
Chipset	i5-1135G7 / i3-1115G4 / Intel® Tiger Lake J6412 / Intel® Elkhart Lake	Storage Temperature	-20 °C ~ 80 °C at 10% to 90% Humidity
Memory	i5-1135G7 / i3-1115G4 / 8GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 32GB) J6412 / 4GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 32GB)	Dimensions (W x H x D)	520 x 339 x 210 (mm), 19.3 x 13.3 x 8.2 (in)
Storage	i5-1135G7 / i3-1115G4 / SATA 3 (6Gb/s) 2.5 inch SSD 128GB, Support AHCI J6412 / SATA 3 (6Gb/s) 2.5 inch SSD64/128 GB, support AHCI	Packing Dimensions (W x H x D)	640 x 465 x 300 (mm), 25.2 x 18.3 x 11.8 (in)
RAID	i5-1135G7 / i3-1115G4 / RAID 0,1	Net Weight	6,900g, 15.21 lbs
Operating Systems	Windows 10 IoT Enterprise / Windows 11 IoT Enterprise	Packing Weight	11,300g, 24.91 lbs
Audio	HD Audio Codec	Certification	CE, FCC, KC
DISPLAY		Color	Dark Grey, High Gloss White
Type	21.5" TFT LCD, LED Backlight	OPTIONS & PERIPHERALS	
Resolution	1920 x 1080	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
Brightness	300 cd/m ² (typ.)	Customer Display	VFD, 20 Columns x 2 Lines
Touchscreen	Projective Capacitive Touch	I/O Expansion	Gigabit Ethernet x 1 (RJ-45) + USB 2.0 x 2 [Factory Option] 12V Powered USB 2.0 x 1 + 24V Powered USB 2.0 x 1 [Factory Option] 12V Powered USB 2.0 x 1 + 12V Powered USB 2.0 x 1 [Factory Option] 24V Powered USB 2.0 x 1 + 24V Powered USB 2.0 x 1 [Factory Option] 12V Powered USB 2.0 x 1 + USB 2.0 x 1 [Factory Option] 24V Powered USB 2.0 x 1 + USB 2.0 x 1 [Factory Option] COM5 x 1 (RJ-45, Full signal) + USB 2.0 x 2 [Factory Option] USB A 2.0 x 4 [Factory Option]
INTERFACE		Storage	2.5 inch SSD 128GB, HDD 500GB, 1TB
Display	1 x VGA (With Power Output)	Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track
USB	6 (Rear 2, Back 4, USB 3.0 x 2, USB 2.0 x 2) 3 (Reserved for MSR, SCR, i-Button/Touch Controller/Camera), RJ-45	Smart Card Reader	EMV Level 1
Serial	6 (COM1 with 5V/12V Power Output on 9 Pins, BIOS) (COM2~3 RJ-45, Full Signal) (COM4 RJ-11, Only TX/RX, 12V Power Output, Reserved for CDP) (COM5 Reserved for Cash Drawer Port) (COM6 RJ-45, Only TX/RX, 5V Power Output, Reserved for MSR)	Dallas	Dallas i-button Reader
Back I/O	Cash Drawer Port (RJ-11 6 Pins) x 1 + USB 2.0 x 2 (Default)	Fingerprint	Yes
LAN	1 x Gigabit Ethernet, RJ-45	Wall Mount Kit	VESA-Compatible, 75 x 75 (mm), 100 x 100 (mm)
Audio	1 x Line-out	Serial Conversion Cable	RJ-45 to D-sub 9
Power DC-IN	3 Pin DIN Jack	Speaker	2 x 1W (Stereo) [Factory Option]
Extension Slot	M.2 for WiFi/BT, SSD	WiFi/BT	M.2 for WiFi/BT
POWER		* Specifications may change without prior notice.	
Power Supply	Adapter 24V, 2.5A (Nomarl) / 24V, 6.35A (Powered USB Option)		

SYSTEM		PHYSICAL & ENVIRONMENTAL	
Processors	Cortex™-A17 Quad-Core (Up to 1.8GHz)	Operating Temperature	0 °C ~ 60 °C at 10% to 90% Humidity
Memory	4GB Standard, DDR3L 1600 MT/s	Storage Temperature	-20°C ~ 80°C at 10% to 90% Humidity
Storage	eMMC 64GB	Dimensions (W x H x D)	520 x 339 x 210 (mm), 19.3 x 13.3 x 8.2 (in)
Operating Systems	Andoird 7.1 (Nougat), 9.0 (Pie)	Packing Dimensions (W x H x D)	640 x 465 x 300 (mm), 25.2 x 18.3 x 11.8 (in)
Audio	HD Audio Codec	Net Weight	6,900g, 15.21 lbs
DISPLAY		Packing Weight	11,300g, 24.91 lbs
Type	21.5" TFT LCD, LED Backlight	Certification	CE, FCC, KC
Resolution	1920 x 1080	Color	Matte Dark Grey, High Gloss White
Brightness	300 cd/m ² (typ.)	OPTIONS & PERIPHERALS	
Touchscreen	Projected Capacitive Touch	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
INTERFACE		Customer Display	VFD, 20 Columns x 2 Lines
Display	Display 1 x VGA (With Power Output)	I/O Expansion	Serial (COM5 RJ-45) [Factory Option] Cash Drawer x 1 (COM5 RJ-11) [Factory Option]
USB	6 (Rear 2, Back 4, USB 2.0 x 6) 3 (Reserved for MSR, SCR, i-Button/Touch Controller), RJ-45	Storage	Micro SD [Factory Option], Max 64GB
Serial	6 (COM 1 with 5V/12V Power Output on 9 Pins, BIOS) (COM2~3 RJ-45 , Full Signal) (COM4 RJ-11, Only TX/RX, 12V Power Output, Reserved for CDP) (COM5 Reserved for Cash Drawer Port) (COM6 RJ-45, Only TX/RX, 5V Power Output, Reserved for MSR)	Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track
LAN	1 x Gigabit Ethernet, RJ-45	Smart Card Reader	EMV Level 1
Audio	1 x Line-out	Dallas	Dallas i-button Reader
Power DC-IN	1 x (4 Pin Connector)	Fingerprint	Yes
POWER		Wall Mount Kit	VESA-Compatible, 75 x 75 (mm), 100 x 100 (mm)
Power Supply	Adapter 12V, 5A (4 Pin DIN Plug)	Serial Conversion Cable	RJ-45 to D-sub 9
		Speaker	2 x 1W (Stereo) [Factory Option]
		WiFi + BT	Bluetooth(V4.0)+ Dual WLAN (802.11 a/b/g/n, 2.4G/5G) combo module, On-board [Factory Option]

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