

APEXA® 1500



Features

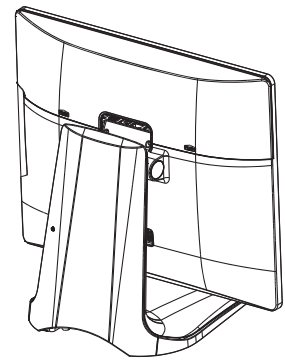
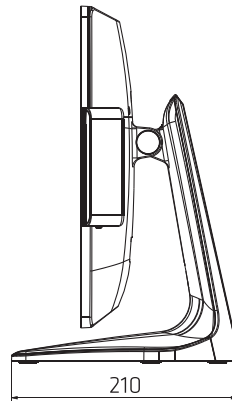
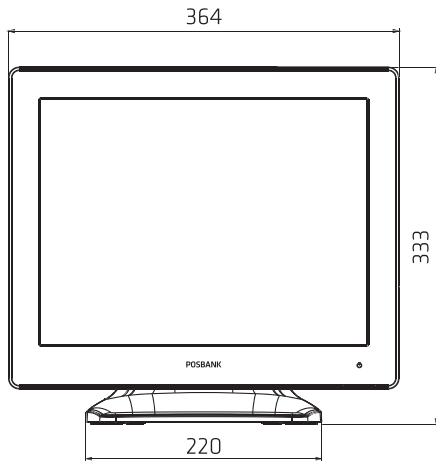
- Extremely Powerful and Future-Proof 7th Gen- Intel® Core™ i5 Processor
- 15" Bezel-Free True-Flat Display with PCAP Touch
- Ideal for Mission-Critical Applications in Retail and Hospitality Environments
- Sleek and Compact Body with Small Footprint
- Multiple I/O Interfaces for Peripherals
- Optional Powered USB for Peripheral Connections
- Designed for Countertop or Wall-Mount Solutions
- Faster Installation and Serviceability

Specifications

IT8786E			
System	Processors	Intel® Core™ i5-7200U (3M Cache, 2.50/3.10 GHz(Turbo), 2 Cores) Intel® Pentium® 4415U (2M Cache, 2.30 GHz, 2 Cores) Intel® Celeron® J3455 (2M Cache, 2.3 Ghz, 4 Cores)	
	Chipset	7200U/4415U Intel® Kaby Lake J3455 Intel® Apollo Lake	
	Memory	7200U/4415U 4GB Standard, DDR4L 2133 MT/s, Socket 1 x SODIMM (Max. 32GB) J3455 4GB Standard, DDR3L 1600 MT/s, Socket 1 x SODIMM	
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD64/128 GB, support AHCI	
	Operating Systems	Windows 10 IoT Enterprise	
	Audio	Realtek ALC662-VD	
Display	Type	15" TFT LCD, LED Backlight	
	Resolution	1024 x 768	
	Brightness	300 cd/m ² (typ.)	
	Touchscreen	Projective Capacitive Touch	
Interface	Display	1 x VGA (With Power Output)	
	USB	6 (Rear 2, Back 4, USB 3.0 x 2, USB 2.0 Touch Controller / Camera), RJ-45 3 (Reserved for MSR, SCR, i-Button / T)	
	Serial	3 x Serial Port 3 x Dedicated for Accessories	
	LAN	1 x Gigabit Ethernet, RJ-45	
	Audio	1 x Line-out	
	Power DC-IN	7200U/4415U 1 x (3 Pin connector) J3455 1x (4 Pin Connector)	
	Extension Slot	Mini PCIe, m-SATA	
Power	Power Supply	7200U/4415U Adaptor 24V, 2A/24V, 4A (Powered USB Option) J3455 Adaptor 12V, 5A	
Physical & Environmental	Operating Temperature	0 °C ~ 60 °C at 10% to 90% Humidity	
	Storage Temperature	-20 °C ~ 80 °C at 10% to 90% Humidity	
	Dimensions (W x H x D)	364 x 333 x 210 (mm), 14.3 x 13.1 x 8.2 (in)	
	Packing Dimensions (W x H x D)	500 x 470 x 300 (mm), 19.6 x 18.5 x 11.8 (in)	
	Net Weight	5,300g, 11.6lbs	
	Packing Weight	8,000g, 17.6lbs	
	Certification	CE, FCC, KC, CB, CCC	
	Color	Matte Dark Grey, High Gloss White	
Options & Peripherals	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen	
	Customer Display	VFD, 20 Columns x 2 Lines	
	I/O Expansion		1 x COM5 (RJ-45 8 Pins) (Factory Option)
			1 x Cash Drawer Port (Factory Option)
			1 x Powered USB (24V)
	Storage	2.5 inch SSD 128GB, 256GB, HDD 500GB, 1TB	
	Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track	
	Smart Card Reader	EMV Level 1, 2	
	Dallas	Dallas i-button Reader	
	Fingerprint	Yes	
	Wall Mount Kit	VESA-Compatible, 75 x 75 (mm), 100 x 100 (mm)	
	Serial Conversion Cable	RJ-45 to D-sub 9	
	Speaker	2 x 0.8W (Stereo)	
WiFi	WLAN (802.11 a/b/g/n), On-board [Factory Option]		

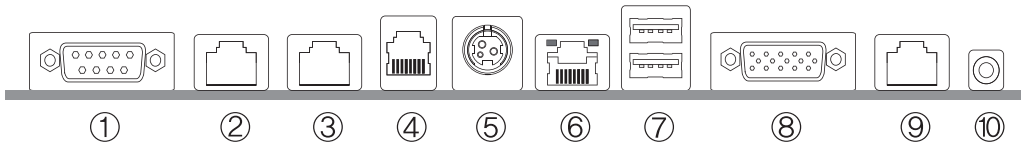
Dimensions

Unit : mm



I/O Interfaces

IT8786E



① COM 1
② COM 2

③ COM 3
④ COM 4

⑤ Power Connector / 24V - J3455 12V
⑥ LAN

⑦ USB 3.0 x 2
⑧ VGA

⑨ MSR
⑩ AUDIO OUT

Peripherals



2nd Display
• 9.7", 12.1", 15" LCD



Customer Display
• VFD (2 Line x 20 Characters)



Card Reader
• MSR, SCR



Multiple I/O interfaces
• 6 USB ports, 6 Serial ports, and more

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APEXA® A-1500



Features

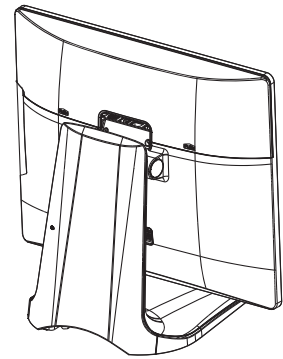
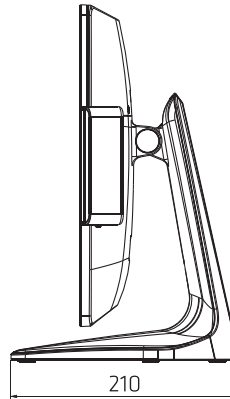
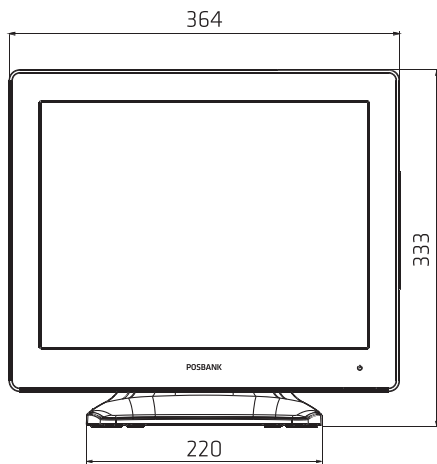
- Highly Cost-effective
- Power-efficient Cortex™-A17 Quad-Core Processor
- Android 9.0 with Developer-Friendly SDK
- Sleek and Compact Body with Small Footprint
- 15" Bezel-Free True-Flat Display with PCAP Touch
- Optional 2nd Touch Displays
- Multiple I/O Interfaces for Peripherals
- Flexible Installation on a Counter or a Wall

Specifications

System	Processors	Cortex™- A17 Quad-Core (Up to 1.8GHz)
	Memory	4GB Standard, DDR3L 1600 MT/s, On-board
	Storage	eMMC 64GB, On-board
	Operating Systems	Android 9.x (Pie)
	Audio	Realtek ALC5640
Display	Type	15" TFT LCD, LED Backlight
	Resolution	1024 x 768
	Brightness	300 cd/m² (typ.)
	Touchscreen	Projective Capacitive Touch
Interface	Display	1 x VGA (With Power Output)
	USB	6 (Rear 2, Back 4, USB 2.0 x 6) 3 (Reserved for MSR, SCR, i-Button/Touch Controller), RJ-45
	Serial	3 x Serial Port 3 x Dedicated for Accessories
	WiFi	Bluetooth (V4.0)+ WLAN (802.11 a/b/g/n) Dual Band (2,4 & 5 Ghz)
	LAN	1 x Gigabit Ethernet, RJ-45
	Audio	1 x Line-out
	Power DC-IN	1 x (4 Pin Connector)
	Power Supply	Adaptor 12V, 5A
Physical & Environmental	Operating Temperature	0 °C ~ 60 °C at 10% to 90% Humidity
	Storage Temperature	-20 °C ~ 80 °C at 10% to 90% Humidity
	Dimensions (W x H x D)	364 x 333 x 210 (mm), 14.3 x 13.1 x 8.2 (in)
	Packing Dimensions (W x H x D)	500 x 470 x 300 (mm), 19.6 x 18.5 x 11.8 (in)
	Net Weight	5,300g, 11.6lbs
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	Certification	CE, FCC, KC
	Color	Matte Dark Grey, High Gloss White
Options & Peripherals	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
	Customer Display	VFD, 20 Columns x 2 Lines
	I/O Expansion	1 x COM5 (RJ-45 8 Pins) (Factory Option) 1 x Cash Drawer Port (RJ-11 6 Pins) (Factory Option)
	Storage	Micro SD (Factory Option), Max 128GB
	Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track
	Smart Card Reader	EMV Level 1, 2
	Dallas	Dallas i-button Reader
	Fingerprint	Yes
	Wall Mount Kit	VESA-Compatible, 75 x 75 (mm), 100 x 100 (mm)
	Serial Conversion Cable	RJ-45 to D-sub 9
	Speaker	2 x 0.8W (Stereo) (Factory Option)

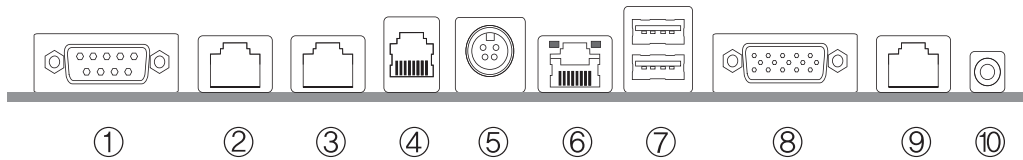
Dimensions

Unit : mm



I/O Interfaces

IT8786E



- ① COM 1
- ② COM 2
- ③ COM 3
- ④ COM 4
- ⑤ Power Connector / 12V

- ⑥ LAN
- ⑦ USB 2.0 x 2
- ⑧ VGA
- ⑨ MSR
- ⑩ AUDIO OUT

Peripherals



2nd Display
• 9.7", 12.1", 15" LCD



Customer Display
• VFD (2 Line x 20 Characters)



Card Reader
• MSR, SCR

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