APEXA® PRIME



Features

- Intel® Core™/Pentium®/Celeron® Processors
- 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

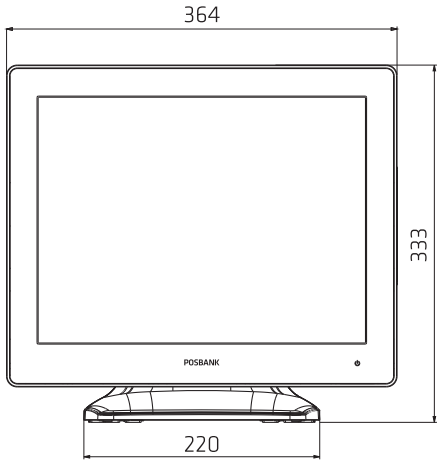
System	Processors	Intel® Core™ i5-7200U (3M Cache, 2.50/3.10 GHz(Turbo), 2 Cores) Intel® Core™ i3-7100U (3M Cache, 2.40 GHz, 2 Cores) Intel® Pentium® 4415U (2M Cache, 2.30 GHz, 2 Cores) Intel® Celeron® 3965U (2M Cache, 2.20 GHz, 2 Cores) Intel® Celeron® J3455 (2M Cache, up to 2.3 GHz, 4 Cores), Fanless
	Chipset	7200U/7100U/4415U/3965U Intel® Kaby Lake J3455 Intel® Apollo Lake
	Memory	7200U/7100U/4415U/3965U 4GB Standard, DDR4 2133 MT/s, Socket 1 x SODIMM (Max. 16GB) J3455(P) 4GB Standard, DDR3L 1600 MT/s, Socket 1 x SODIMM
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI
	Operating Systems	7200U/7100U/4415U/3965U/J3455/J3455(P) Windows 10 IoT Enterprise
	Audio	Realtek ALC662-VD
Display	Type	15" TFT LCD, LED Backlight
	Resolution	1024 x 768
	Brightness	300 cd/m² (typ.)
	Touchscreen	Projected Capacitive Touch
Interface	Display	1 x VGA (With Power Output)
	USB	6 (Rear 2, Back 4, USB 3.0 x 2, USB 2.0 x 4) 3 (Reserved for MSR, SCR, i-Button / Touch Controller / Camera), RJ-45
	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)
	LAN	1 x Gigabit Ethernet, RJ-45
	Audio	1 x Line-out
	Power DC-IN	1 x (3 Pin Connector)
	Extension Slot	7200U/7100U/4415U/3965U Mini PCIe, m-SATA J3455(P) Mini PCIe, m-SATA, M.2
Power	Power Supply	7200U/7100U/4415U/3965U/J3455(P) Adaptor 24V, 2.5A (3Pin DIN Plug) / 24V, 6.35A(Powered USB Option)
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 Gray, High Gloss White

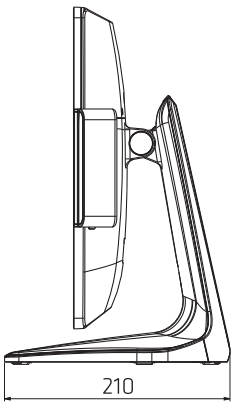
Options & Peripherals	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
	Customer Display	VFD, 20 Columns x 2 Lines
	I/O Expansion	1 x COM5 (RJ-45 8 Pins) (Factory Option) 1 x Cash Drawer Port (Factory Option) 1 x Powered USB (24V)
	Storage	2.5 inch SSD 128GB, HDD 500GB, 1TB
	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
	Camera	5M USB Interface (Internal) (Factory Option)
	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	Mini PCIe for Wireless LAN

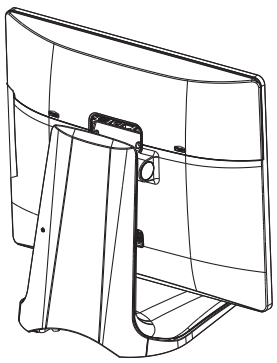
POSBANK®

Dimensions

Unit : mm

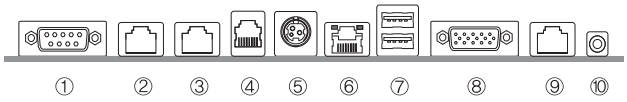






I/O Interfaces

IT8786E



① COM 1
② COM 2
③ COM 3
④ COM 4
⑤ Power Connector / 24V
⑥ LAN
⑦ USB 3.0 x 2
⑧ VGA
⑨ MSR
⑩ AUDIO OUT

Ordering Information

Part No.	Description
APEXA PRIME (G)	Intel Pentium 4405U, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Dark Grey, No O/S
APEXA PRIME (G)	Intel Core i5-6200U, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Dark Grey, No O/S
IPO-MS 237 C AX_G	MSR, Dark Grey
IPO-MS 237E2_SCR_AX	MSR + SCR, Dark Grey
IPO-MS 237DIB_AX_G	MSR + i Button, Dark Grey
APEXA_9.7 (G)	9.7" 2nd Display, Dark Grey, No Touch
APEXA_12.1 (D/G)	12.1" 2nd Display, Dark Grey, No Touch
APEXA_15 (D/G)	15" 2nd Display, Dark Grey, No Touch
APEXA_CDP (G)	Customer Display(VFD), Dark Grey
AXP-06 BRACKET_WALL MOUNT	Wall Mount

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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