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- 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

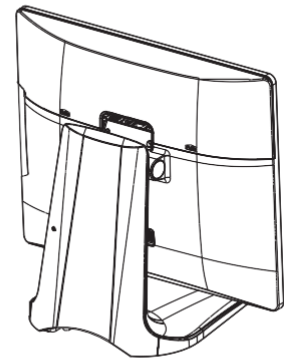
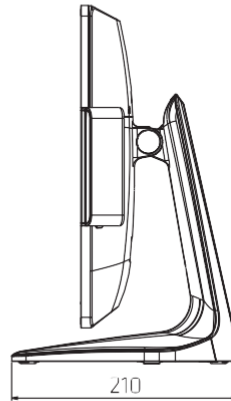
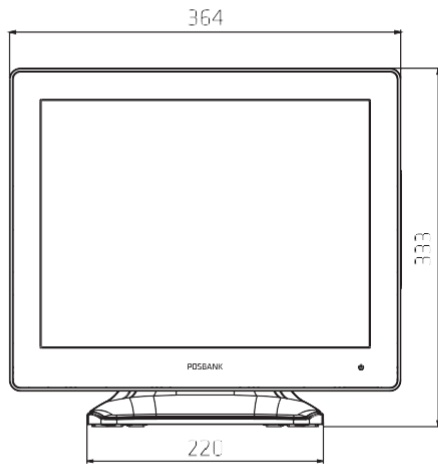
## Specifications

### IT8786E

System	Processors	Intel® Core™ i5-7200U (3M Cache, 3.10 GHz, 2 Cores) Intel® Core™ i3-7100U (3M Cache, 2.40 GHz, 2 Cores) Intel® Pentium® 4415U (2M Cache, 2.30 GHz, 2 Cores)	
	Chipset	ITE Tech IT8786E	
	Memory	4GB Standard, DDR4L 2133 MT/s, Socket 1 x SODIMM (Max. 16GB)	
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI	
	Operating Systems	Windows 7, Windows 8.1, Windows 10 IoT Enterprise, POS Ready 7	
	Audio	Realtek ALC662-VD	
Display	Type	15" TFT LCD, LED Backlight	
	Resolution	1024 x 768	
	Brightness	300 cd/m <sup>2</sup> (typ.)	
	Touchscreen	Projective Capacitive Touch	
Interface	Display	1 x VGA (With Power Output)	
	USB	6 (Rear 2, Back 4, USB 3.0 x2, USB 2.0 x 4) 3 (Reserved for SR, SCR, i-Button / Touch Controller / Camera), RJ-45	
	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)	
	LAN	1 x Gigabit Ethernet, RJ-45	
	Audio	1 x Line - out	
	Power DC-IN	1 x (3 Pin Connector)	
	Extension Slot	Mini PCIe, m-SATA	
	Power	Power Supply	Adaptor 24V, 2A/ 24V, 4A (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	
Dimension (W x H x D)		364 x 333 x210 (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 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	
	Fingerprint	Dallas i-button Reader	
	Camera	YES	
	Wall Mount Kit	M USB Interface (Internal) (Factory Option) 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	

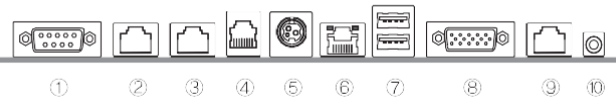
## Dimensions

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 4415U, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Dark Grey, No O/S
APEXA PRIME (G)	Intel Core i5-7200U, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Dark Grey, No O/S
IPO-MS 237 C AX_G	MSR Dark Gray
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, No Touch
APEXA_12.1(D/G)	12.1" 2nd Display, Dark, No Touch
APEXA_15(D/G)	15" 2nd Display, Dark, 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

Annapurna Technologies Inc.  
No.48/2, 2nd Floor, RV Road,  
Basavanagudi, Bangalore -560004

Email ID: - [srinivas@annatechinc.com](mailto:srinivas@annatechinc.com)  
Landline No:- +91-80-42012469  
Visit us: - [www.annatechinc.com](http://www.annatechinc.com)