

APEXA® GW



Features

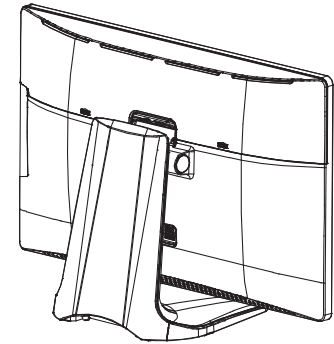
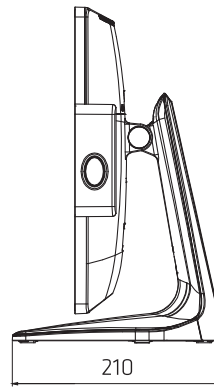
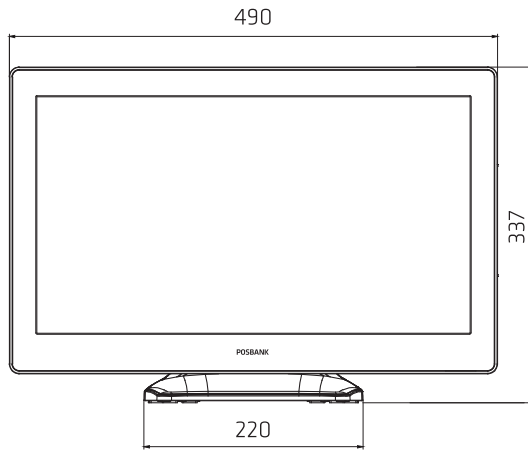
- Intel®'s Latest High-Performance Processors
- 19.5" Bezel-Free True-Flat Wide Display with PCAP Touch
- Ideal for Staff or Customer-Facing Applications in Retail and Hospitality Environments
- Multiple I/O Interfaces for Peripherals
- Designed for Countertop or Wall-Mount Solutions
- Spill and Dust Resistant
- Faster Installation and Serviceability

Specifications

	IT8786E	J19		
System	Processors	Intel® Core™ i5-6200U (3M Cache, 2.80 GHz, 2 Cores), Fanless Intel® Pentium® 4405U (2M Cache, 2.10 GHz, 2 Cores), Fanless	Intel® Celeron® J1900 (2M Cache, 2.0/2.42 GHz(Burst), 4 Cores), Fanless	
	Chipset	ITE Tech IT8786E	Intel® Bay Trail	
	Memory	4GB Standard, DDR4L 2133 MT/s, Socket 1x SODIMM (Max. 16GB)	4GB Standard, DDR3L 1600 MT/s, Socket 1x SODIMM	
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI	SATA 2 (3Gb/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	19.5" TFT LCD, LED Backlight		
	Resolution	1600 x 900		
	Brightness	250 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 x 4) 3 (Reserved for MSR, SCR, i-Button/Touch Controller/Camera), RJ-45	6 (Rear 2, Back 4, USB 2.0 x 6) 3 (Reserved for MSR, 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)	1 x (4 Pin Connector)	
	Extension Slot	mini PCIe, m-SATA	-	
	Power	Power Supply	Adaptor 24V, 2A / 24V, 4A(Powered USB Option)	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)		490 x 337 x 210 (mm), 19.3 x 13.3 x 8.2 (in)		
Packing Dimensions (W x H x D)		640 x 465 x 300 (mm), 25.2 x 18.3 x 11.8 (in)		
Net Weight		9,000g, 19.8lbs		
Packing Weight		10,200g, 22.5lbs		
Certification		CE, FCC, KC (TBD), CB (TBD), CCC (TBD)		
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 COM5 (RJ-45 8 Pins) (Factory Option)	
		1 x Cash Drawer Port (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 (TBD)		
	Dallas	Dallas i-button Reader (TBD)		
	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)		
WiFi	USB to WiFi Module (Factory Option), Mini PCIe for Wireless LAN	USB to WiFi Module (Factory Option)		

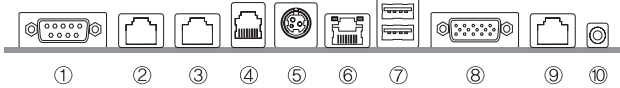
Dimensions

Unit : mm



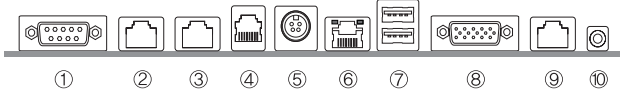
I/O Interfaces

IT8786E



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

J19



- | | |
|-------------------------|---------------|
| ① COM 1 | ⑥ LAN |
| ② COM 2 | ⑦ USB 2.0 x 2 |
| ③ COM 3 | ⑧ VGA |
| ④ COM 4 | ⑨ MSR |
| ⑤ Power Connector / 12V | ⑩ AUDIO OUT |

Ordering Information

Part No.	Description
APEXA GW (G)	Intel Celeron J1900 Quad-Core, DDR3 4GB, SSD 64GB, 19.5" P-CAP Touch, Dark Grey, No O/S
APEXA GW_P (G)	Intel Pentium 4405U, DDR4 4GB, SSD 64GB, 19.5" P-CAP Touch, Dark Grey, No O/S
APEXA GW_P (G)	Intel Core i5-6200U, DDR4 4GB, SSD 64GB, 19.5" P-CAP Touch, Dark Grey, No O/S
IPO-MS 237 M_GW (G)	MSR, 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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