

IMPREX® PRIME



Features

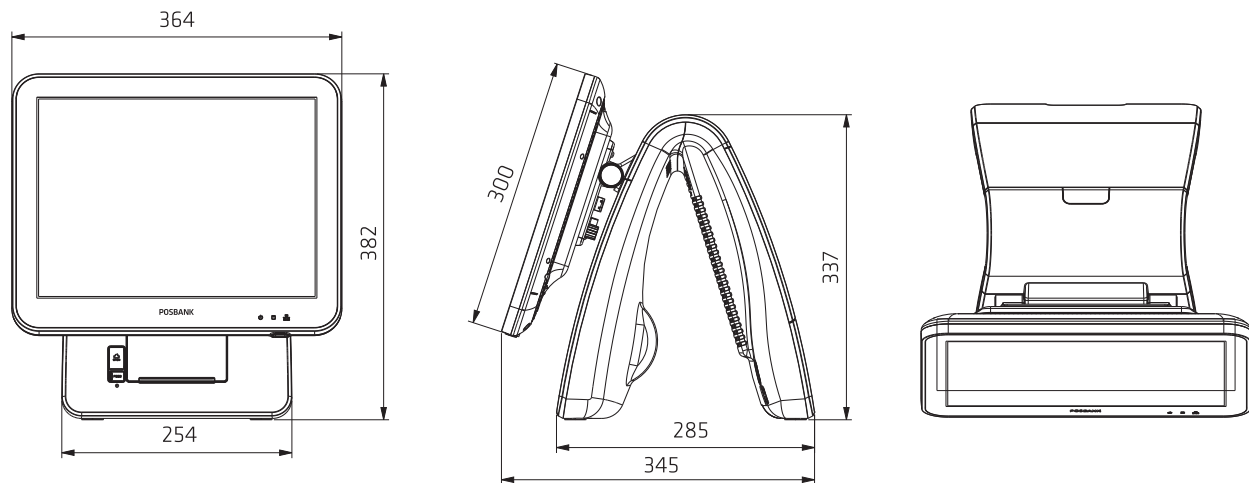
- Real All-in-One POS Terminal
- Stylish Look and Innovative Design
- High-Speed 3" Thermal Receipt Printer Integrated
- Intel®'s Latest High-Performance Processors
- 15" or 17" Bezel-Free True-Flat Display with PCAP Touch
- Multiple I/O Ports and Peripheral Options
- Tool-less and Modular Design for Easy Maintenance

Specifications

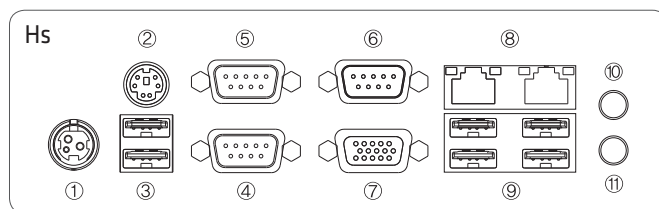
		Hs	J19
System	Processors	Intel® Core™ i7-7700T (8M Cache, up to 3.80 GHz, 4 Cores) Intel® Core™ i5-7500T (6M Cache, up to 3.30 GHz, 4 Cores) Intel® Core™ i3-7100T (3M Cache, 3.40 GHz, 2 Cores) Intel® Core™ i5-6500T (6M Cache, Up to 3.10 GHz, 4 Cores) Intel® Core™ i3-6100T (3M Cache, 3.20 GHz, 2 Cores) Intel® Pentium® G4400T (3M Cache, 2.90 GHz, 2 Cores)	Intel® Celeron® J1900 (2M Cache, 2.0/2.42 GHz(Burst), 4 Cores), Fanless
	Chipset	Intel® H170	Intel® Bay Trail
	Memory	4GB Standard (Max. 64GB), DDR4 2133MT/s, Socket 2 x SODIMM	4GB Standard (Max. 8GB), DDR3L 1600 MT/s, Socket 2 x SODIMM
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB (Max. 2 Optional), Support AHCI	SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI
	RAID	RAID 0,1	-
	Operating Systems	Windows 10 IoT Enterprise	Windows 7, Windows 8.1, Windows 10 IoT Enterprise, POS Ready 7
	Audio	Realtek ALC 892, Speaker-out 2 x 0.8W (Stereo)	
Display	Type	15" TFT LCD, LED Backlight 17" TFT LCD, LED Backlight	
	Resolution	15" 1024 x 768 17" 1280 x 1024	
	Brightness	15" 300 cd/m² (typ.) 17" Max. 300 cd/m² (typ.)	
	Touchscreen	Projective Capacitive Touch	
Interface	Display	1 x VGA (With Power Output)	
	USB	8 (Rear 6 = USB 3.0 x 6 Side 2 = USB 2.0 x 2) 3 (Reserved for MSR, SCR, i-Button/Touch Controller/Camera), RJ-45	8 (Rear 6 = USB 3.0 x 1, USB 2.0 x 5 Side 2 = USB 2.0 x 2) 3 (Reserved for MSR, SCR, i-Button/Touch Controller/Camera), RJ-45
	PS/2	1 (Reserved for Keyboard or Mouse)	
	Serial	6 (COM1~2 with 5V/12V Power Output on 9 Pins, Jumper) (COM3 with 5V/12V Power Output on 9 Pins, BIOS) (COM4 Only TX/RX, 12V Power Output, Reserved for CDP) (COM5 Reserved for Printer) (COM6 RJ-45, Only TX/RX, 5V Power Output, Reserved for MSR)	
	LAN	2 x Gigabit Ethernet, RJ-45	
	Audio	1 x Line-out, 1 x Mic-in	
	Power DC-IN	1 x (3 Pin Connector)	
	Extension Slot	Mini PCIe	
	Power Supply	Adaptor 24V, 5A	
Physical & Environmental	Operating Temperature	0 °C ~ 50 °C at 10% to 80% Humidity	
	Storage Temperature	-20 °C ~ 80 °C at 10% to 80% Humidity	
	Dimensions (W x H x D)	364 x 382 x 345 (mm), 14.3 x 15 x 13.5 (in)	
	Packing Dimensions (W x H x D)	460 x 480 x 460 (mm), 18.1 x 18.8 x 18.1 (in)	
	Net Weight	9,400g, 20.7 lbs	
	Packing Weight	12,500g, 27.5lbs	
	Certification	CE, FCC, KC, CCC	
	Color	High Gloss Black, High Gloss White, Custom Colors Available	
Options & Peripherals	Display	17" TFT LED Backlight, 1280 x 1024	
	Touchscreen	5-Wired Resistive	
	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 Parallel Port (D-SUB 25 Pins) / 1 x DVR Card (PCI 4 Channel) / 1 x Cash Drawer Port	
	Storage	2.5 inch SSD 128GB, HDD 500GB, 1TB / 2nd 2.5 inch SSD 64GB, SSD 128GB, HDD 500GB, HDD 1TB	
	Integrated Printer	3" Jam-Free Thermal, Max. 250mm/s, Auto Cutter (Interface : Serial, USB)	
	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	
	System Fan	1 (40mm x 40mm, Normal Type)	
	Battery	-	Smart Battery : 3S1P 2050mAh
	Camera	5M USB Interface (Internal) (Factory Option)	
	WiFi	Mini PCIe for Wireless LAN	

Dimensions

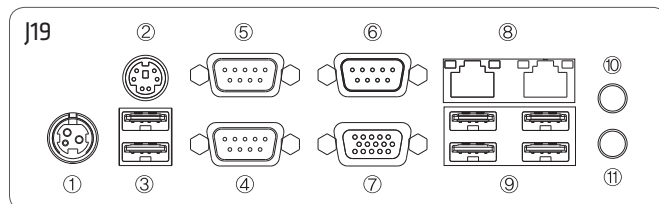
Unit : mm



I/O Interfaces



- ① Power Connector / 24V
- ② PS/2 Connector
- ③ USB 3.0 x 2
- ④ COM 1
- ⑤ COM 2
- ⑥ COM 3
- ⑦ VGA
- ⑧ LAN x 2
- ⑨ USB 3.0 x 4
- ⑩ AUDIO OUT
- ⑪ MIC IN



- ① Power Connector / 24V
- ② PS/2 Connector
- ③ USB 2.0 x 2
- ④ COM 1
- ⑤ COM 2
- ⑥ COM 3
- ⑦ VGA
- ⑧ LAN x 2
- ⑨ USB 3.0 x 1, USB 2.0 x 3
- ⑩ AUDIO OUT
- ⑪ MIC IN

Ordering Information

Part No.	Description
IMPREX PRIME (BP)	Intel Celeron J1900 Quad-Core, DDR3 4GB, SSD 64GB, 15" P-CAP Touch, Printer, No O/S, Black
IMPREX PRIME Hs (BP)	Intel Core i3-6100T, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Printer, No O/S, Black
IMPREX PRIME Hs (BP)	Intel Core i5-6500T, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Printer, No O/S, Black
IMPREX PRIME Hs (BP)	Intel Pentium G4400T, DDR4 4GB, SSD 64GB, 15" P-CAP Touch, Printer, No O/S, Black
IPO-MS 237 C_P_B	MSR, Black
IPO-MS 237 D3_IB_P_B	MSR + i Button, Black
IPO-MS 237 E2_SCR_B	MSR + SCR, Black
IPO-MS 237 E3_SCR_IB	MSR + SCR + i Button, Black
IMPREX P_9.7 (B)	9.7" 2nd Display, Black, No Touch
IMPREX P_12.1 (B)	12.1" 2nd Display, Black, No Touch
IMPREX P_15 (B)	15" 2nd Display, Black, No Touch
IMPREX P_CDP (B)	Customer Display, Black

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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