

BLUO™

Simple, Compact, Easy

- Compact for More Counter Space
- Simple and Practical Design
- Fast and Powerful Performance
 - Intel® Celeron® J1900 quad-core processor
 - Intel® Core™ i3, i5, i7 processor
- 15" LCD Display with PCAP Touch
- Multiple I/O Ports and Peripheral Options
- Easy Access to I/O Ports for Fast Installation
- Dual Storage for Safe Data Backup
- Tool-less Design for Easy Maintenance



Simple and Practical Design

The BLUO™ is a POS terminal with simple and practical design. It blends well into any business environments whether it is a retail store or a restaurant.

Compact Body. Small Footprint

The BLUO™ has a compact body and small footprint for limited counter space. Advanced technology for compact form factor can save much of your valuable counter space, create more opportunities to interact with cusomters and promote other items at the checkout area.

Quick Installation and Maintenance

Easy access to the I/O connectivity delivers quick installation and maintenance. With the I/O panel on the upper side of the terminal, on-site serviceability gets much easier and faster. Time and cost can be greatly saved.

Fast & Powerful Performance

The BLUO™ is powered by low-power high performance solution Intel® Celeron® J1900 quad-core processor and Intel® Core™ i3, i5, i7 processor family. They can provide business owners with the processing power needed to run today's mission critical business applications to improve business efficiency and speed up customer services.

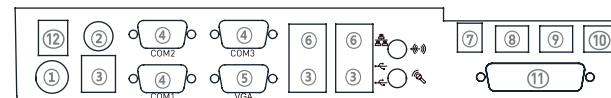
Superior Touch Display

The bright and clear image from the BLUO™ increases work efficiency. The graphic user interface on the 15" screen enables operators to minimize errors or even work with the BLUO™ faster in hectic and busy environments. PCAP and 10-point multi-touch technology delivers intuitive experiences. Fast touch response enables speedy operation. The resistive touch is available as well.



Multiple I/O Connectivity and Peripheral Options

With integrated POS peripherals and multiple I/O ports, the BLUO™ embodies a flexible design that can be customized to fit customer's business environment. The BLUO™ offers more I/O ports, VFD type customer display and 2nd LCD displays in 3 sizes, credit card readers and smart battery as options and peripherals. If your business grows significantly, so does the BLUO™ to suit your business needs.



Description		Description	
1	Power connector	7	COM4
2	PS/2 connector	8	COM5
3	USB port	9	COM6
4	COM1, COM2, COM3 port	10	USB (MSR-Option)
5	VGA port	11	LPT port (Option)
6	LAN port	12	RJ11 (Option)

Tool-less Design for Easy Installation and Maintenance

Its innovative tool-less design and modular technology allow quick access to the internal components, enabling fast and easy service and upgrades. A couple of turns of hand screws are away from major components of motherboard, storage and I/O ports etc. All this ensures rapid intallation as well. The BLUO™ can save your precious time and reduce cost.



Uninterruptible Power Supply

In the event of a power outage, an optional smart battery provides emergency electricity to keep the BLUO™ running and protect against data loss or system damage. It allows the BLUO™ to complete all ongoing process and transaction. It also removes instantaneous power interruptions that can cause erratic operataion. Get additional security and peace of mind with UPS backup battery.



Clean and Tidy Counter Space

The location of I/O ports and sturdy base stand make cable routing much easier and almost invisible to customers. The thoughtful design for effective cable management keeps counter space tidy and uncluttered. Make a good impression on customers with clutter-free environment and create clean environment for operators at the checkout area.

Options & Peripherals

Customer-Facing Display



- Customer Display : VFD, 20 Columns x 2 Lines
- LCD Disply : 9.7", 12.1", 15", 1024 x 768 Resolution, Optional Touchscreen
- Customer-facing displays can offer cusomers transaction or advertising information. LCD displays with optional touchscreen offers more customer engagement opportunities.

Card Reader



- Magnetic Stripe Reader : Comply with ISO 7811, Support 1 & 2 & 3 Track
- Smart Card Reader : EMV Level 1, 2

Touch Type

- 5-Wired Resistive

Battery

- Smart Battery : 3S1P 2050mAh, 4S1P 2050mAh
- Emergency electricity to keep system running and protect against data loss or system damage.

Speaker

- Qs 2 x 0.8W (Stereo)

Storage



- 2.5 inch SSD 128GB
- Larger storage for data expansion.
- With no moving parts, SSD is much stable than HDD.

Wall Mount Kit



- VESA-Compatible, 100 x 100(mm)
- With VESA mounting option, BLUO™ can be placed on the wall or above the counter.

I/O Expansion

- 2 x USB 2.0 (Side)
- 1 x Parallel Port (D-SUB 25 Pins)
- 1 x Cash Drawer Port (Factory Option)

Serial Conversion Cable

- RJ-45 to D-sub 9

WiFi

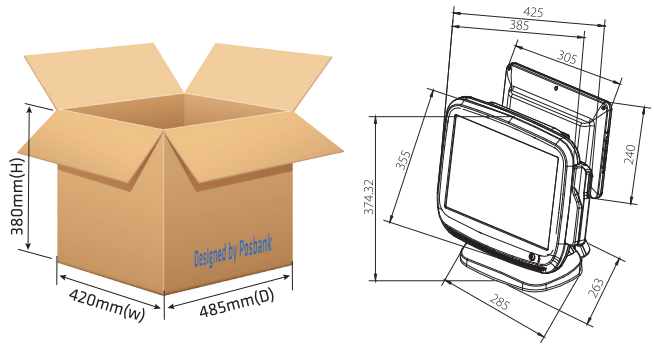
- Qs Mini PCIe for Wireless LAN

Specifications

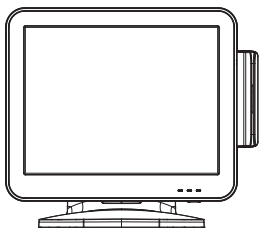
General Specifications	
System	
Processor	Qs 2nd, 3rd, 4th Generation Intel® Core™ i7, i5, i3 Processors
	J19 Intel® Celeron® J1900 (2.0 GHz) Quad-Core Processor, Fanless
Chipset	Qs Intel HM76 or Intel HM87
	J19 Intel® Bay Trail
Memory	Qs 4GB Standard (Max. 8GB), DDR3 1600MT/s, Socket 1 x SODIMM (Max. 2 Optional)
	J19 4GB Standard, DDR3L 1600 MT/s, Socket 1 x SODIMM
Storage	Qs SATA 3 (6Gb/s) 2.5 inch SSD 64GB (Max. 2 Optional), Support AHCI
	J19 SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI
OS	Windows 7, Windows 8.1, Windows 10, POS Ready 7
Audio	Realtek ALC 269
Display	
Type	15" TFT LED Backlight
Resolution	1024 x 768
Brightness	300 cd/m²
Touchscreen	Projective Capacitive Touch
Interface	
Display	1 x VGA (With Power Output)
USB	Qs 6 (Rear 6 = USB 3.0 x 4, USB 2.0 x 2)
	J19 4 (Rear 4 = USB 3.0 x 2, USB 2.0 x 2)
	Q5 J19 2(Reserved for MSR, SCR, i-Button/Touch Controller), RJ-45
PS / 2	1 (Reserved for Keyboard or Mouse)
Serial	6 (COM 1~2 with 5V/12V Power Output on 9 Pins, Jumper)
	(COM3 with 5V/12V Power Output on 9 Pins, BIOS)
	(COM4 RJ-11, Only TX/RX, 12V Power Output, Reserved for CDP)
LAN	Qs 2 x Gigabit Ethernet, RJ-45
	J19 1 x Gigabit Ethernet, RJ-45
Audio	1 x Line-out, 1 x Mic-in
Power DC-IN	Qs 1 x (3 Pin Connector)
	J19 1 x (4 Pin Connector)
Extension Slot	Qs Mini PCIe
Power	
Power Supply	Qs Adaptor 24V, 6A
	J19 Adaptor 12V, 5A

Physical & Environmental	
Operating Temperature	0°C ~ 40°C at 10% ~ 80% Humidity
Storage Temperature	-20°C ~ 80°C at 10% ~ 90% Humidity
Dimensions (W x H x D)	364 x 300 x 227(mm), 14.3 x 11.8 x 8.9(in)
Packing Dimensions (W x H x D)	420 x 380 x 485(mm), 16.5 x 14.9 x 19.0(in)
Net Weight	7,500g, 16.5lbs
Packing Weight	9,500g, 20.9bs
Qualification	CE, FCC, KC
Color	High Gloss Black, High Gloss White
Options & Peripherals	
Touchscreen	5-Wired Resistive
2nd Display	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
Customer Display	VFD, 20 Columns x 2 Lines
I/O Expansion	2 x USB 2.0 (Side)
	1 x Parallel Port (D-SUB 25 Pins)
Storage	1 x Cash Drawer Port (Factory Option)
	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
Battery	Smart Battery: 3S1P 2050mAh
	Smart Battery: 4S1P 2050mAh
Wall Mount Kit	VESA-Compatible, 100 x 100(mm)
Serial Conversion Cable	RJ-45 to D-sub 9
Speaker	Qs 2 x 0.8W (Stereo)
WiFi	Qs Mini PCIe for Wireless LAN

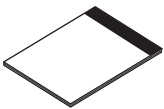
Dimension



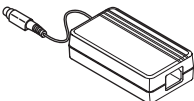
What's in the Box ?



BLUO™



Installation Guide



Adapter



Power Cord