# BLUO

## Easy to Install but Stylish Design

BLUO is a compact POS System designed for today's business environments. It's practical, unique design is a perfect marriage of form and function. The BLUO is designed for optimum convenience by having easy access I/O ports on the top side. The BLUO sits atop a sturdy, functional base that offers superior cable management with its ability to house system cables inside it. System performance is not an issues a choice of a high performance 3rd Generation Intel® Core™ i3/i5/i7 or an energy efficient Intel® Atom™ processors for custom performance needs.

- Distinguished Practical Design
- Durable and Stable Stand
- Support Secondary HDD or SSD Drive.
- System Expandability
- Onboard UPS ('Smart Battery') Technology Guards Against Data Loss Due to Power Loss
- Easy Installation and Maintenance
- Optimized High Performance, Energy Efficient Processor

# Options

## Compact Design
• Fits seamlessly into any store environment

## Magnetic Stripe Reader (MSR)
## Smart Card Reader (SCR)

## Durable and Stable Stand
• A functional, cable management
• Sturdy base design offers

## Customer Display
• VFD type
• 20 columns × 2 lines

## 2nd LCD Display
• 12.1", 10.4", 10.1" display
• 1024 × 768 resolution

## Specifications

Windows Embedded

| | BLUO Q SERIES | BLUO D25 |
|---|---|---|
| **CPU** | uPGA988 for 3rd Generation Intel® Core™ i7/i5/i3 (Ivy Bridge), 2nd Generation Intel® Core™ (Sandy Bridge) - Intel® Core™ i7 3940XM Processor (8M Cache, up to 3.90 GHz) | Intel Atom processor D2550 (1MB Cache, 1.86 GHz, Dual Core for Cedarview-D) |
| **Chipset** | Intel QM77 | Intel NM10 |
| **Storage** | SATA 3 (6Gb/s) 2.5 inch HDD or SSD | SATA 2 (3Gb/s) 2.5 inch HDD or SSD |
| | Support Raid 0, 1 | - |
| | Support AHCI | |
| **Memory** | DDR3-1600MHz SODIMM Default 2GB (MAX. 8GB) | DDR3-1066MHz SODIMM 2GB (MAX. 4GB) |
| **Graphic** | Integrated Intel GFX | Integrated Intel GMA HD 3650 |
| **AMT** | Support iAMT 8.0 | - |
| **Display** | | |
| Resolution | 15" LED Backlight TFT-LCD 250 cd/m$^2$ (1024 x 768 resolution) | |
| Touch screen | 5-wired Resistive Touch | |
| **Internal I/O** | | |
| USB | 3 Ports (reserved for touch controller, SCR EMV card, camera and MSR controller) | |
| Serial port | COM 5 (reserved for cash drawer port) & COM 6 (reserved for MSR) | |
| Display port | LVDS or VGA & COM 4 (reserved for CDP) | VGA & COM 4 (reserved for CDP) |
| Extension slot | Mini PCIe | |
| Primary display | 24bit LVDS | |
| **External I/O** | | |
| USB | Rear 6 (USB 3.0 x 4 ports, USB 2.0 x 2 ports) | Rear 4 (USB 2.0 x 4 ports) |
| PS/2 | 1 Port (reserved for Keyboard & Mouse) | |
| Serial port | COM 1 ~ 3 with 5V/12V power output on 9pin | |
| LAN | Gigabit Ethernet x 2 ports 1x Intel Gigabit LAN with iAMT 8.0 (Intel 82579LM) 1x Intel Gigabit LAN with (Intel 82583V) | Realtek RTL 8111E Ethernet Controller |
| Audio | Realtek ALC 892 / Line-out, Mic-in | |
| Display port | VGA x 1 port | |
| **Options** | | |
| MSR | Comply with ISO 7811, Support 1 & 2 & 3 track | |
| USB | 2 Ports (USB 2.0) | |
| Serial port | COM5 (support 9pin header or DB9, shared with cash drawer port) | |
| SCR | EMV level 1 | |
| Dallas | Dallas I-button reader | |
| Customer display | VFD type (20 x 2) | |
| 2nd LCD | 10.1" LCD or 10.4" LCD or 12.1" LCD (1024 x 768 resolution) | |
| Cash drawer port | 1 Port | |
| Parallel port | 1 Port | |
| WiFi | Mini PCIe for wireless LAN | |
| **Operating Temperature** | 0°C ~ 40°C at 10% ~ 80% humidity | |
| **Storage Temperature** | -20°C ~ 60°C at 10% ~ 80% humidity | |
| **Qualification** | CE, FCC, KC | |
| **Power** | Adaptor 24V, 6A | Adaptor 12V, 5A |
| **OS Support** | Windows 7, Windows 8, POS Ready 7 | Windows XP/Vista, Windows 7, POS Ready 2009/7 |
| **Dimension (WxHxD)** | 364 x 300 x 227(mm), 14.3 x 11.8 x 8.9(inch) | |

\* Product specifications may differ according to region and may be changed without prior notice.