



**Double Articulating Terminal Folds Flat**



**Optional Integrated VFD Customer Display**



**Optional Integrated 15" Rear LCD Customer Display (Reflection POS for Windows)**



**Cable Management Keeps Cords Hidden and Organized (RJ48-DB9M Adaptor Included)**

### Options and Upgrades

Configure your system with these easy to add options:

- Integrated VFD Customer Display – 2 Lines x 20 Characters
- Integrated 15" or 10" LCD Customer Displays (NCC Reflection POS for Windows Only)
- WiFi Module (NCC Reflection POS for Windows Only)
- Wall Mount Bracket with Standard VESA Configuration



Two USB Ports Located on the Back of the Unit

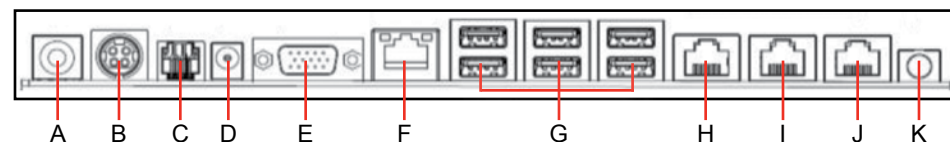
### Connectivity

Ports are located below the touch screen. Cable management keeps cables hidden and organized. Three RJ48-DB9M adaptors are included.

- A** Power Button
- B** DC In (24V)
- C** RJ11 (24V – Cash Drawer)
- D** DC Out (12V)
- E** VGA
- F** LAN
- G** USB (Six – 2 More in Back)
- H** COM1 (RJ48)
- I** COM2 (RJ48)
- J** COM3 (RJ48)
- K** Audio

### Specifications

	Embedded	Windows
<b>Processor:</b>	Intel Bay Trail Celeran Quad Core J1900 2.42GHz	
<b>Cores / Threads</b>	Quad Core / 4 Threads	
<b>Cache Memory:</b>	2MB	
<b>Display LCD:</b>	True Flat 15" LCD with LED Backlighting	
<b>Resolution:</b>	1024 x 768	
<b>Brightness:</b>	420 cd/m2	
<b>Integrated Speakers:</b>	Integrated 3 Watt Speakers	
<b>Chipset (PCH):</b>	CPU Integrated	
<b>Touch – Panel:</b>	Projected Capacitive Touch	
<b>Reliability:</b>	Over 100 Million Touches	
<b>MCR:</b>	Integrated USB Interface Triple Track MCR	
<b>Mass Storage Device:</b>	2.5" SSD – Not Applicable	128GB 2.5" Solid State Drive
<b>Standard O/S:</b>	Not Applicable	Windows 10 IoT Ent. Retail
<b>RAM Memory (1 Slot):</b>	4GB SODIMM DDR3 (1333MHz) Expandable To 8GB	
<b>Video Memory:</b>	Shared System Memory Up To 256MB	
<b>Tilt Adjustment:</b>	0° ~ 60° (Vertical)	
<b>Serial Ports – External:</b>	COM1 / COM2 / COM3	
<b>Internal:</b>	COM3 (0V/5V/12V)	
	COM4 = for Rear VFD	
<b>Parallel Port:</b>	Not Applicable	
<b>USB Ports:</b>	7 V2.0 / 1 V3.0 (6 Bottom / 2 Back)	
<b>Cash Drawer Port:</b>	RJ11 (24V)	
	(Maximum 1 Drawer – Supports Open/Close)	
<b>LAN Port:</b>	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111E	
<b>VGA Port:</b>	One DB15F Display Port For Second LCD	
<b>Audio Port:</b>	One	
<b>Mic Port:</b>	Not Applicable	
<b>Power Supply:</b>	60W, 24V/2.5A External Power Adaptor 100-240V 50-60Hz	
<b>Current / Power Usage:</b>	0.25A / 36W	
<b>Temperature – Operating:</b>	32° F to 104° F (0° C to 40° C)	
<b>Storage:</b>	-4° F to 140° F (-20° C to 60° C)	
<b>Dimensions – Overall:</b>	15-5/8"W x 13"H x 9-3/4"D	
<b>Shipping Carton:</b>	19"W x 16-3/4"H x 8-3/4"D	
<b>Shipping Weight:</b>	15 lbs.	
<b>Safety and EMI:</b>	FCC, Class-B / CE, Class-B / RCM / RoHS	



**Cafeterias / Table Service / Quick Service**



**Food Concessions / Fast Casual Restaurants**



**Bars / Ice Cream Parlors / Coffee Shops**



**Dusty Environments Like Pizza and Bakeries**



**Delivery**

## NCC Reflection POS Touch Screen Terminal

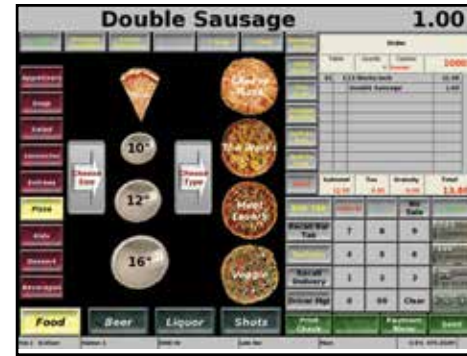


NCC Reflection POS is powered by the most feature-rich software of any product in its class. This system is designed for a wide variety of restaurant concepts including Quick Service, Casual Dining, Fine Dining, Pizza Delivery, Bars and Nightclubs. Reflection POS has the functionality to meet the demands of most restaurant operations.

- Intel Bay Trail Celeron Quad Core J1900 2.42GHz Fanless Processor
- Projected Capacitive Touch (PCT)
- Die-Cast Aluminum Housing
- Solid State Drive for Optimum Performance and Reliability
- Vivid LED Backlight
- 15" True-Flat Screen
- Double Articulating – Folds Flat
- Self-Healing, Fully Data-Redundant Network
- Integrated Credit Card / PIN Debit / Gift Card Processing



Customized graphical table maps.



Graphic screens guide operators with minimal training.



Menu items, condiments, flavors, instructions and options can be placed upon one key. When an item is registered, a specific key displays the options available for the item. You can control how many choices can be made as well as what options display next.

**No Single Point of Failure**

NCC Reflection POS is equipped with the most sophisticated, terminal-redundant network on the market. Using the integrated high-speed Ethernet, all system information is replicated on every terminal across the TCP/IP network. If a terminal is removed from the LAN, all information is automatically synchronized when the terminal re-enters the network.

**Quick Service**

NCC Reflection POS is equipped to handle all sizes of quick service operations. It possesses all operational and management functionality that are key to running an efficient QSR operation.

- Auto-Meal Combination Recognition
- Coin Changer Support
- Kitchen Video Support
- Assign Customer Phone Number for To-Go Orders
- Dual Drive-Thru Modes
- Drive-Thru Order Confirmation Board Support
- Inventory Control Including Recipes and Cost Analysis
- Order Confirmation Board and Coin Changer Interfaces

**Table Service**

NCC Reflection POS can be easily designed to allow for the various styles of restaurant concepts. From the start of the order process, the various transitions that a guest check can be subjected to are handled quickly and efficiently. Whether in a cashier style operation or full service using a banked wait staff concept,

NCC Reflection POS has all of the necessary management control and report tracking to provide an accurate view of the days business.

- Table and Retained Check Tracking
- Graphical Table Map
- Integrated Credit Authorization Option
- Server Banking and Cashier Operations
- Auto Gratuity
- Inclusive Tax Items
- Liquor Dispenser Support
- Assign Names to Bar Tabs
- Priority Sorting for Kitchen Printers
- Custom Kitchen Messages
- Separate Check Functionality by Item, Seat, or Dollar Amount
- Split an Item Up to 9 Ways
- Combine Check Function
- Server Transfer, One or All Checks
- Check Recall By Bar Code Scanner

**Online Ordering and Delivery Operations**

The NCC Reflection POS delivery module will allow guest checks to be created and assigned to customers for delivery. NCC Reflection POS can maintain a customer file of 9,999 entries which can be accessed and sorted by customer ID number, phone number, address, first and last name or by city. NCC Reflection POS can create and store new customers on the fly during a first time purchase. When used with PC WorkStation NCC Reflection, POS can automatically retrieve order history allowing for fast and accurate order entry. Guest checks created for delivery are

managed by the driver dispatch functions where accountability for delivery orders are assigned to drivers.

- 9,999 Customer File
- Sort By ID, Phone, Address, First and Last Name or By City
- Automatically Searches By Sort Option
- Create New Customers On the Fly
- Delivery Notes for Each Customer
- Retrieve Order History (Requires PC Workstation)
- Fast and Accurate Order Entry
- Select All Items or Tag Item to Current Check
- Personalized Service
- Assign Delivery Order to Available Drivers
- Displays a List of Employees Clocked In with Job Code "Driver"
- Displays Assigned Checks
- Dispatch Drivers
- Displays Status of Drivers (Ready or En Route)
- Arrange Tickets for Desired Delivery Route
- Checks Totals Posted to Driver for Accountability

**Inventory**

An integrated inventory system accurately tracks product and ingredient usage by way of recipe definitions and product mix information. Item count down feature can signal the wait staff that a particular product is no longer available, while inventory reports provide usage details and food cost information.

**Built in Time Clock**

Using the available time clock feature, NCC Reflection POS will help managers capture the valuable information necessary to control labor costs. Employee clock in/out procedures can either be performed by numeric entry, magnetic card or digital I-Button. Security levels assigned by job codes provide the controls necessary to access POS functions. Detailed time clock reports will provide employee punch time data with accumulated pay period totals, as well as additional reports to provide critical labor to sales information.

**Programming**

With NCC Reflection POS, no back office PC is required to make changes or additions to the system tables. All menu item, employee, screen design, etc., changes may be performed directly on the POS terminal in an easy to use programming mode using an on screen touch keyboard. Changes are accomplished easily and are immediately available to all stations in the POS system.

**Extensive Reporting**

NCC Reflection POS has a wide range of real time reports. Reports can be obtained locally at each station or on the back room PC if equipped with the optional PC Workstation software. Report data can also be exported and communicated via FTP push or poll methods for use with other reporting solutions. Detailed information can be obtained by station, system, revenue center, user and many more.

**Choose the platform that best suits your business...**

**NCC Reflection POS Embedded**

The Embedded Reflection application runs on an embedded real-time operating system. Because Windows™ is not deployed, you have the security of knowing that your staff is unable to open the Internet on your POS station, run other applications or inadvertently load viruses or spyware. Your NCC embedded application is installed on an 8GB SSD, not a hard disk drive, providing additional speed and exceptional reliability. For unprecedented savings, security, reliability and redundancy, NCC Reflection POS Embedded is the preferred NCC platform.



**NCC Reflection POS for Windows**

The same reliable Reflection application can be installed on a Windows™ operating system platform. Reflection for Windows allows the possibility of running applications other than NCC, performing remote file maintenance, or using Datacap Systems NETePay™ rather than a Datacap Tran™ device. The Reflection Windows™ version will also support an optional rear LCD customer display screen as well as other standard Windows peripherals. Consult with your NCC Reseller to determine which Reflection operating system platform is best suited to your needs.

