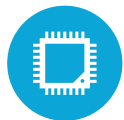




### HIGHLIGHTS



**Projected Capacitive Touch Screen**



**3 CPU Options Available (up to i5)**



**Up to 8GB RAM**



**Slim and Sleek Finish**



**Multiple Peripheral Options**

# SPECIFICATIONS

## PROCESSING

CPU: Intel® Celeron Quad Core J3455 1.5GHz (up to 2.3GHz), i3-6100U 2.3GHz Skylake, i5-6300U up to 3.0 GHz Skylake  
System Memory: 1x DDR3-LV SODIMM 4GB (up to 8GB Optional)  
Graphics Memory: Intel HD Graphics, 500

## LCD PANEL

LCD Size: 15"  
LCD Type: LED LCD  
Brightness: 350 nits  
Maximum Resolution: 1024 x 768  
Touch Screen Type: Projected Capacitive (USB Interface)  
Tilt Angle: 0° ~ 140°  
Screen: Bezel-less True Flat

## STORAGE

SSD: One 2.5" SATA SSD

## POWER

Power Supply: 65W +19V power adapter (J3455 only) 90W  
Power Adapter (i3 and i5)  
EMC & Safety: FCC / CE Class A, LVD  
Operating Temperature: 5°C ~ 35°C (41°F ~ 95°F)

## DIMENSIONS

15" with base; 13" H x 14 7/8" W x 9" D (with MSR);  
Peripheral Variation (Width only): 15 5/8" (with fingerprint);  
16" (with MSR and Fingerprint)

## EXPANSION

M.2 Slot: 1 Optional

## I/O PORTS

USB: 2 (USB 2.0) 4 (USB 3.0)  
Serial: 3 x RJ45 with DB9 Adapters (COM3, 4 powered with 5V/12V, by BIOS)  
Gigabit LAN (10/100/1000): 1  
Cash Drawer Port: 1 RJ11 (12V / 24V)  
DC Jack: 1  
Power Button: 1  
PS/2: N/A  
Audio Out: 1 Set (Optional)

## OPTIONAL PERIPHERALS

MSR USB: Encrypted Option Available  
Fingerprint Reader: Steel Coat Crossmatch (USB interface)  
Rear LCD: 8.4" x 15" (Touch Optional)  
Customer Display: 2 x 20 VFD Display  
Wireless LAN: 802.11 b/g/n/ac  
Scanner: 2D Barcode Scanner  
Pin Pad Mount



## KEY FEATURES

|   |  |
|---|--|
| 1 | 15 LED LCD Projected Capacitive Display          |
| 2 | Optional Rear Customer Display (sizes available) |
| 3 | External I/O Ports (15 total)                    |
| 4 | Optional MSR                                     |

## OS SUPPORT

J3455: Windows 10 (64 bit) Pro & IOT  
i3 & i5: POSREADY 7 (64 bit), 8.1 Embedded Industry Retail Pro (64 bit), Windows 10 IOT & Pro (64 bit)

# PRICING

| Name   | TD Part Number        | Description  | Retail            |
|--|-----------------------|--|-------------------|
| Pulse Ultra AIO 15" Celeron                                  | P53BMA1N-000ADRK      | Pulse Ultra with 15" Projected Capacitive Touch Screen Intel Celeron J3455 Processor 2.3G Fanless, 4 GIG RAM, 64 GIG SSD, WINDOWS 10 IOT (64 bit), MSR, ADD VANTIV Encrypted MSR KB Emulation!   | <b>\$999.00</b>   |
| Pulse Ultra AIO 15" Celeron w/slim Printer Base and printer  | P53BMAQN-000ADRK      | Pulse Ultra with 15" Projected Capacitive Touch Screen Intel Celeron J3455 Processor 2.3G Fanless, 4 GIG RAM, 64 GIG SSD, WINDOWS 10 IOT (64 bit), MSR, VANTIV Encrypted MSR KB Emulation!, SLIM-PRINTER BASE-U  | <b>\$1,399.00</b> |
| Pulse Ultra AIO 15" Intel i3                                 | P63BMA1N-000ADRK      | Pulse Ultra with 15" Projected Capacitive Touch Screen Intel i3-6100u Processor 2.3G Fanless, 4 GIG RAM, 64 GIG SSD, WINDOWS 10 IOT (64 bit), MSR, VANTIV Encrypted MSR KB Emulation!  | <b>\$1,699.00</b> |
| Pulse Ultra AIO 15" Intel i3 w/slim Printer Base and printer | P63BMAQN-000ADRK      | Pulse Ultra with 15" Projected Capacitive Touch Screen Intel i3-6100u Processor 2.3G Fanless, 4 GIG RAM, 64 GIG SSD, WINDOWS 10 IOT (64 bit), MSR, VANTIV Encrypted MSR KB Emulation!, SLIM-PRINTER BASE-U   | <b>\$1,999.00</b> |
| Touch Dynamic Cash Drawer                                    | CD-BL-3000            | Black CD-BL-3000 16x16 Cash Drawer, 5 Bills / 8 Coins (2x4) US Till, Adjustable  | <b>\$119.00</b>   |
| ULTRA CUST DISPLAY   | ULTRA CUST DISPLAY    | Ultra VFD 2x20 2nd display (For Pulse Ultra Non-Foldable and Breeze Ultra Folding)   | <b>\$149.00</b>   |
| ULTRA CUST DISPLAY PB  | ULTRA CUST DISPLAY PB | Integrated Rear Display 2x20 VFD Top Mounting *** FOR UNIVERSAL SLIM PRINTER BASE INSTALLATIONS  | <b>\$149.00</b>   |
| Slim Printer Base  | SLIM-PRINTER BASE-U   | Slim printer base for acrobat, breeze, breeze 18.5, breeze ultra, and pulse Ultra AIO INCLUDING Epson M30 3" Thermal Printer. Black USB/Ethernet Interface, Includes USB Cable and PSU. *** NOT compatible with Breeze performance or Quest Installations. | <b>\$399.00</b>   |

## Shipping

|  |                         |
|--|-------------------------|
| MS-Cashdrawer.....                           | FREE Shipping in the US |
| Pulse Ultra Flat Rate.....                   | \$.18.00                |
| Pulse Ultra with printer/base Flat Rate..... | \$.24.00                |
| Any Cash Drawer.....                         | \$.12.00                |