

# P13

## Technical Specifications

### Features

- Intel Celeron Bay Trail J1900 SoC Processor
- Fanless Design
- Ultra Slim (19mm)
- Full HD LCD Display
- Wide Power Input (12-19VDC)
- POE Powered, Supports 802.3at (POE+)
- Optional LI-ion Battery for up to 6 hours of uninterrupted power
- Low Power Consumption



### Specifications

#### Display

LCD Size	13.3" (16:9)
Maximum Resolution	1920 x 1080 (FHD)
Brightness (cd/m2)	300 cd/m2
LCD Color	16.7M

#### Touch

Touch Screen	Projective capacitive w/10 points
--------------	-----------------------------------

#### System

Processor	Intel Celeron J1900, Quad-Core, 2MB Cache, 2.0GHz
System Chipset	Bay Trail SoC Integrated
Graphics Controller	Intel HD Graphics
LAN Chipset	1 x GbE: Realtek RTL8111 w/POE
Audio	Realtek ALC283
System Memory	Up to 8GB DD3L 1333Mhz (1 x SO-DIMM)
BIOS	Insyde 65Mbit
TPM	TPM 2.0 (Optional)

#### Storage

SSD/HDD	1 x 2.5" SATA Bay (Optional 7mm drive only)
M.2 SATA	1 x M.2 2242 "B" key for SATA SDD

#### Expansion

Mini PCI Express	2 x Mini PCIe half length (for WiFi & POE)
M.2	1 x M.2 2242 "B" key for SATA SDD

#### Other

Cooling Method	Fanless
Internal Speakers	2 x 1W speakers
WebCam	1 x 2Mpixel Camera (Optional)

#### I/O

Video	1 x Mini Display Port (side; optional)
USB	2 x USB 2.0 (side)
LAN	1 x GbE RJ45 w/ POW (side)
WLAN	802.11 AC + BT 4.2 LE (Intel)
Audio	1 x GbE RJ45 w/POE (side)
Others	1 x Power Switch Bar Code Scanner (Optional)

#### Operating System

Windows	Windows 10 Pro 64bit
Linux	Ubuntu 14.10

#### Power

Power Mode	AC Adapter or POE (Optional)
Power Input Voltage	12 ~ 19 VDC
POE	25W (802.3at, POE+) or 50W (UPoE) from CAT-5e cables (Optional)
Power Connector	Barrel plug for adapter / RJ45 CAT 5e cable for POE
Battery	1 x LI-ion 7.2VDC @9750mAh – 70.2W (Optional)
Power Adapter	External Power Adapter, 19VDC @3.4A

#### Environment

Certification	CE, FCC Class A
---------------	-----------------

#### Physical

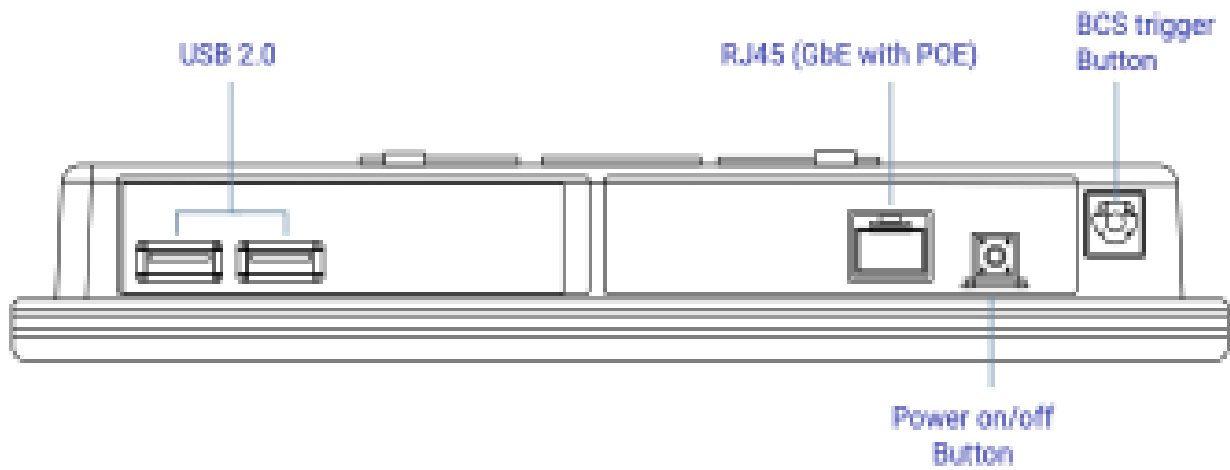
Enclosure Materials	ABS Plastic
Dimension (W x H x D)	12.9" x 8.9" x 1.3" (328mm x 228mm x 32.8mm)
Weight	3.75 lb (1.7 kg)
Mounting	VESA 75, Optional Stand

#### Warranty

Warranty	1-year standard
----------	-----------------

# P13

## I/O Layout



## Dimensions

Unit: mm

