

# Joy

**J14 Series****Touch POS Terminal**

## FEATURES

- High performance Intel® CPU with fanless design
- Front panel IP65
- HDMI 1366 x 768 @ 60Hz Support
- High speed M.2 SSD
- Wi-Fi 6E
- Type-C USB
- TPM 2.0
- Windows 11 IoT Enterprise LTSC

## Specifications



| Item                   | J14-1E                                                                                                                                                                                                                                                                                                                                      |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                   | 14"                                                                                                                                                                                                                                                                                                                                         |
| Aspect Ratio           | 16:9                                                                                                                                                                                                                                                                                                                                        |
| Resolution             | 1366 x 768                                                                                                                                                                                                                                                                                                                                  |
| Brightness             | 220 nits                                                                                                                                                                                                                                                                                                                                    |
| Touch                  | PCAP touch                                                                                                                                                                                                                                                                                                                                  |
| CPU                    | Intel® Celeron® J6412 (Elkhart Lake)                                                                                                                                                                                                                                                                                                        |
| Memory                 | DDR4 4GB, 8GB, 16GB, 32GB                                                                                                                                                                                                                                                                                                                   |
| Storage                | M.2 PCIe SSD: 128G / 256G / 512G                                                                                                                                                                                                                                                                                                            |
| I/O Interface          | 2 x serial ports, RS-232 (RJ45), 0V/5V/12V selected in BIOS (COM1, COM2)<br>1 x LAN (IEEE 802.3 10/100/1000 Mbps)<br>1 x RJ11 port support for 2 cash drawers with 24V / 12V jumper setting<br>1 x DC +12V out<br>2 x USB 3.0 + 4 x USB 2.0<br>1 x DC +12V input<br>1 x audio (1 x line-out)<br>1 x HDMI<br>1 x Type-C (data transfer only) |
| Speaker                | 1 x speaker 3W                                                                                                                                                                                                                                                                                                                              |
| Peripheral Options     | MSR, EMV reader, fingerprint reader, RFID/ NFC, i-Button, VFD, USB 2nd display, HDMI 2nd display, 2D bar code scanner, camera, IO extension box EX-300, cash drawer                                                                                                                                                                         |
| Wireless Option        | Wi-Fi 6E Intel AX210<br>IEEE 802.11 a/b/g/n/acR2/axR2, BT 5.3                                                                                                                                                                                                                                                                               |
| Display Support        | 2 independent displays (Main Display + HDMI)                                                                                                                                                                                                                                                                                                |
| Spill & Dust Resistant | Front panel IP65                                                                                                                                                                                                                                                                                                                            |
| Operating System       | 1. Windows 11 IoT Enterprise LTSC 24H2 (64bit)<br>2. Windows 10 IoT Enterprise LTSC 21H2 (64bit)<br>3. Linux Ubuntu 22.04                                                                                                                                                                                                                   |
| TPM & vPro             | S/W TPM 2.0 (BIOS)                                                                                                                                                                                                                                                                                                                          |
| Power Adaptor          | AC-In 100~240V / DC-Out 12V, 65W                                                                                                                                                                                                                                                                                                            |
| Reliability            | System operating temperature: 0~40°C / 32~104°F<br>System humidity: 15% ~ 80%<br>Storage temperature: -20~60°C / -4~140°F                                                                                                                                                                                                                   |
| Dimensions (Wx Hx D)   | 340.7 x 253.52 x 224.5 mm / 13.41 x 9.98 x 8.84 in                                                                                                                                                                                                                                                                                          |
| Weight                 | 3.18 Kg / 7.01 lb                                                                                                                                                                                                                                                                                                                           |

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