

## W15FA3S-ELA4 15.6" NXP i.MX6 Android HMI Panel PC

Manufacturer part number: W15FA3S-ELA4 | HMI (P-CAP Touch)



Explore Winmate W15FA3S-ELA4, an HMI panel PC featuring NXP i.MX6, 15.6-inch display with 1920x1080 resolution, IP65 for machine control and factory automation.

| Display               |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Size                  | 15.6 inches                                                                                                  |
| Touch / Glass         | Projected Capacitive Multi Touch Screen                                                                      |
| Resolution            | 1920x1080                                                                                                    |
| Panel Brightness      | 300.0 nits                                                                                                   |
| Contrast Ratio        | 800:1                                                                                                        |
| View Angles           | 85,85,85,85                                                                                                  |
| Active Area           | 344.16x193.59 mm                                                                                             |
| System Specification  |                                                                                                              |
| Processor             | NXP i.MX6 Dual Core, 1.0GHz                                                                                  |
| Memory                | 1GB (Default), 2GB (Optional)                                                                                |
| Storage               | eMMC: Onboard 8 GB                                                                                           |
| Operating System      | Linux Ubuntu 18.04 (Optional), Android 6.0 (Optional), Debian 7.0 (Optional), Linux 4.1.15 QT 5.5 (Optional) |
| Mechanical            |                                                                                                              |
| Dimension             | 387.6 x 257.7 x 52.5 mm                                                                                      |
| Cut out               | 371.6 x 223.5 mm                                                                                             |
| Weight                | 2.2 kg                                                                                                       |
| Mounting              | Panel mount, VESA Mount                                                                                      |
| Enclosure             | Metal Housing                                                                                                |
| Cooling System        | Fanless design                                                                                               |
| Environment           |                                                                                                              |
| Operating Humidity    | 10% to 90% RH, Non-Condensing                                                                                |
| Operating Temperature | 0 deg C to 50 deg C                                                                                          |
| Storage Temperature   | -10 deg C to 60 deg C                                                                                        |
| IP rating             | Front IP65                                                                                                   |
| Certification         |                                                                                                              |
| Certification         | CE, FCC                                                                                                      |

|                     |                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IO Ports</b>     |                                                                                                                                                                |
| <b>USB Port</b>     | 1 x USB2.0 (Type-A), 1 x USB OTG                                                                                                                               |
| <b>Serial Port</b>  | 1 x RS485, 3pin Terminal block                                                                                                                                 |
| <b>LAN</b>          | 1 x LAN RJ45 Connector                                                                                                                                         |
| <b>Indicator</b>    | 1 x LED Indicator for storage                                                                                                                                  |
| <b>Power Input</b>  | 1 x 12~24V DC, 3-Pin Terminal Block                                                                                                                            |
| <b>Control</b>      |                                                                                                                                                                |
| <b>Button</b>       | 1 x Reset Button                                                                                                                                               |
| <b>Accessory</b>    |                                                                                                                                                                |
| <b>Accessory</b>    | 100~240V AC to DC Adapter, Power Cord, Terminal Block to 2.50 Female Adapter Cable, Open Wire Cable with terminal block connector, Mounting clips, VESA screws |
| <b>Power</b>        |                                                                                                                                                                |
| <b>Power Rating</b> | 12V~24V with isolation, 3-Pin Terminal Block                                                                                                                   |
| <b>Adapter</b>      | 12V 50W                                                                                                                                                        |