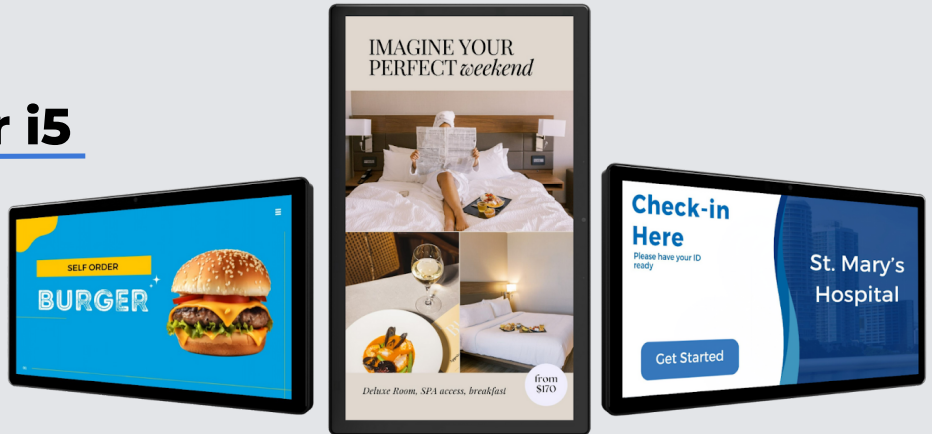




GLORYSTAR

## Ultron Windows Touchscreen Computer i5



**Capacitive Touch**



**Windows**



**Durable Built to Last**

### Overview

The ULTRON Windows Touchscreen Computer is a cutting-edge, all-in-one touchscreen solution designed for commercial and industrial applications, available in 10-inch, 15.6-inch, and 21.5-inch models to power self-service kiosks, restaurant ordering kiosks, digital signage displays, and more. Equipped with Intel® i5-1235U processors, this touchscreen computer supports Windows 11 and Linux, delivering robust performance for retail touchscreen solutions, healthcare kiosks, and education kiosks. Its high-brightness display with optically bonded touchscreen glass ensures vibrant visuals, while robust connectivity (USB 3.0/3.2, dual RJ45 Ethernet, Wi-Fi 6, and optional 4G LTE) and versatile VESA mounting options make it ideal for customizable kiosks, interactive displays, and point-of-sale kiosks in hospitality and retail environments.

Available in 10.1", 15.6" and 21.5" widescreen.

Easy deployments with various VESA mounting.

15.6" and 21.5" with anti-glare glass and optical bonding capacitive touch panel technology.

# Specification

| Processors       | I5- 1235U                  |                                                                                                           |                                           |                                            |                            |
|------------------|----------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|----------------------------|
| Model Number     |                            | ULT101 Part#1235U                                                                                         |                                           | ULT156 Part#1235U                          | ULT215 Part#1235U          |
| Screen Size      |                            | 10"                                                                                                       |                                           | 15.6"                                      | 21.5"                      |
| Panel Info       | Resolution                 | 1280 x 800                                                                                                |                                           | 1920 x 1080                                | 1920 x 1080                |
|                  | Panel Brightness           | 500cd/m²                                                                                                  |                                           | 450cd/m²                                   | 450cd/m²                   |
|                  | Brightness                 | 425cd/m² with touch Screen                                                                                |                                           | 400cd/m² with touch Screen                 | 400cd/m² with touch Screen |
|                  | Contrast Ratio             | 800:1                                                                                                     |                                           | 1000:1                                     | 1300:1                     |
|                  | Aspect Ratio               | 16:10                                                                                                     |                                           | 16:9                                       | 16:9                       |
|                  | Active Display Area        | 216.96x135.6mm                                                                                            |                                           | 344.16 × 193.59 mm                         | 476.064 x 267.786mm        |
|                  | Response time              | 10ms                                                                                                      |                                           | 20ms                                       | 14ms                       |
|                  | Viewing Angle              | 85°/85°/85°/85                                                                                            |                                           | 89°/89°/89°/89°                            | 89°/89°/89°/89°            |
| Touch Data       | Touch Tech                 | G+G 10 point cap touch                                                                                    |                                           | G+G 10 point cap touch<br>Anti-glare glass |                            |
|                  | Hardness Of Surface        | 10inch: > 6H    15.6inch: ≥ 7H    21.5inch: > 6H                                                          |                                           |                                            |                            |
|                  | Touch method               | Finger touch 、 Capacitive stylus                                                                          |                                           |                                            |                            |
|                  | Transparency               | 10.1inch and 21.5inch : ≥86%    15.6inch: ≥85%                                                            |                                           |                                            |                            |
|                  | Glass Thickness            | 2mm (Not including Sensor thickness)                                                                      |                                           |                                            |                            |
|                  | Bonded Panel               | 15.6inch -21.5inch : Support Optical bonded capacitive touch Panel<br>10inch : Not supported Bonded Panel |                                           |                                            |                            |
| CPU & System     | CPU                        | i5-1235U                                                                                                  |                                           |                                            |                            |
|                  | P-core Max Turbo Frequency | 4.4GHz                                                                                                    |                                           |                                            |                            |
|                  | E-core Max Turbo Frequency | 3.3GHz                                                                                                    |                                           |                                            |                            |
|                  | core                       | 10                                                                                                        |                                           |                                            |                            |
|                  | Thread                     | 12                                                                                                        |                                           |                                            |                            |
|                  | CPU Cache                  | 12MB                                                                                                      |                                           |                                            |                            |
|                  | BIOS                       | AMI UEFI BIOS                                                                                             |                                           |                                            |                            |
| RAM              | RAM                        | 8GB , Dual Channel SO-DIMM DDR4 (Max 64GB)                                                                |                                           |                                            |                            |
| ROM              | Storages                   | 256GB, M.2 for NVME 2280 SSD                                                                              |                                           |                                            |                            |
| Software         | OS                         | Windows 11 64 bit, Linux 64 bit                                                                           |                                           |                                            |                            |
| Display          | GPU Chipset                | Intel Iris® Xe Graphics eligible/UHD Graphics depends on CPU                                              |                                           |                                            |                            |
|                  | Displayport                | N/A                                                                                                       |                                           |                                            |                            |
| Audio            | Speaker                    | 2W x 2                                                                                                    |                                           |                                            |                            |
| Ethernet         | Connector                  | 2 x RJ45                                                                                                  |                                           |                                            |                            |
|                  | Wake on Lan                | Yes                                                                                                       |                                           |                                            |                            |
|                  | WIFI/ Bluetooth            | IEEE 802.11a/b/g/n/ac/ax(PreStandard) , Bluetooth 5.0 (Dual antenna)                                      |                                           |                                            |                            |
| Storage          | Slot                       | M.2 for NVME 2280 SSD                                                                                     |                                           |                                            |                            |
| General          | Material & Color           | Metal Housing with Black Matte Paint                                                                      |                                           |                                            |                            |
|                  | Camera                     | 2 MP                                                                                                      |                                           |                                            |                            |
|                  | 4G(Optional)               | 4G and WIFI function Choose one of the two                                                                |                                           |                                            |                            |
|                  | Metal Button               | 1×Power button; 1×Reset button (1×Power button for 10 inch)                                               |                                           |                                            |                            |
| Rear Panel I/O   | USB                        | 4xUSB 3.2                                                                                                 |                                           |                                            |                            |
|                  | Audio                      | Line-out x 1, Mic-in x 1                                                                                  |                                           |                                            |                            |
|                  | LAN                        | 1 x (1000Mbps) ; 1 x (2500Mbps)                                                                           |                                           |                                            |                            |
|                  | VGA                        | N/A                                                                                                       |                                           |                                            |                            |
| Insider PCBA     | M.2                        | 1×for NVME 2280 SSD                                                                                       |                                           |                                            |                            |
|                  | SATA3.0                    | 1                                                                                                         |                                           |                                            |                            |
|                  | COM                        | 6 x RS232(default) or 5*RS232+1*RS485(COM1)                                                               |                                           |                                            |                            |
|                  | USB 2.0                    | 4 x USB2.0 header                                                                                         |                                           |                                            |                            |
|                  | I/O                        | 8 x GPIO                                                                                                  |                                           |                                            |                            |
| Hardware Monitor | Hardware Monitor           | CPU system temperature; onboard voltage; Watchdog; and auto power on                                      |                                           |                                            |                            |
|                  | Included in Box            | Ultron tablet, Power Adaptor, Power cable                                                                 |                                           |                                            |                            |
|                  | Operating Environment      | Working Temperature: 0-45 degree celsius                                                                  |                                           |                                            |                            |
|                  | Language                   | Multi language                                                                                            |                                           |                                            |                            |
| Power Management | Power supply unit          | External                                                                                                  | External                                  |                                            | External                   |
|                  | Power supply               | 12V 7.5A                                                                                                  | DC 12V 7.5A                               |                                            | DC 12V 7.5A                |
|                  | Power usage                | TBD                                                                                                       | 55W typical, 1.3W stand by, 1.3W off mode |                                            | TBD                        |
| Sustainability   | Regulations                | FCC, CE, RoHS support                                                                                     |                                           |                                            |                            |
|                  | REACH SVHC                 | REACH does not contain SVHC above 0.1%: Lead                                                              |                                           |                                            |                            |
| Mounting         | VESA                       | VESA75 for 10inch, VESA 100 for 15.6 and 21.5 inch                                                        |                                           |                                            |                            |
| Dimensions       | Size ( WxDxH)              | 10 inch: TBD                                                                                              | 15.6 inch: 376.47 x 228.47 x 42.8mm       | 21.5 inch: 515.87 x 311.87 x 42.8mm        |                            |
|                  | Product Weight             | TBD                                                                                                       | 2.9kg                                     | 4.9kg                                      |                            |
|                  | Gift Box Size              | 10 inch: TBD                                                                                              | 15.6inch: 443 x 115 x 303 mm              | 21.5inch: 583 x 115 x 382mm                |                            |
|                  | Master Carton Size         | 10 inch: TBD                                                                                              | 15.6inch: 464 x 365 x 327mm               | 21.5inch: 604 x 248 x 406mm                |                            |
|                  | Master Carton Weight       | 10 inch: TBD                                                                                              | 15.6 inch: 12.3Kg                         | 21.5 inch: 15.3Kg                          |                            |
|                  | Units per Master Carton    | 10 inch: TBD                                                                                              | 15.6inch: 3pcs                            | 21.5inch: 2 pcs                            |                            |

## Peripheral Options

|                                  |                    |
|----------------------------------|--------------------|
| 1D Barcode Newland               | BC100-NEW          |
| 2D Barcode Zebra                 | BC200-ZEB          |
| Elatec RFID Reader Metal Housing | NEBA1703 PART#E002 |
| Windows11 IoT Enterprise LTSC    | ULT Part# WIN KEY  |
| 4G (LTE) Module                  | JAF-009            |

## Mounting Options

|            |                                 |
|------------|---------------------------------|
| Wall Mount | WM015012S                       |
| Desk Mount | FIX-027 (Foldable base bracket) |
|            | FIX-028 (Adjustable Desk Mount) |
|            | FIX-030 (Foldable base bracket) |

## CONTACT US

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