

# Giada DK310

Elkhart Lake Ultra-compact Media Player

# Middle Range Embedded Computer



RoHS

## Features

- Intel® Elkhart Lake Processors
- 1 x HDMI (Max. 4096 x 2160 @60Hz)
- 1 x DP (Max.4096 x 2160 @60Hz)
- Onboard LPDDR4 4GB (Optional: 8GB)
- 1 x Full-size Mini-PCIe for MSATA
- Onboard eMMC5.1 32GB (Optional: 64GB)
- 1 x RJ45, 1 x M.2 for Wi-Fi/BT, 2 x Wi-Fi Antenna

## Specifications

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| CPU                     | Intel® Celeron® J6413 / J6412 / J6426                                      |
| Frequency               | Up to 3.00 GHz / 2.60 GHz / 3.00 GHz                                       |
| BIOS                    | AMI EFI 64 Mbit                                                            |
| Chipset                 | SoC                                                                        |
| System Memory           | Onboard LPDDR4 4GB, (Optional: 8GB)                                        |
| GPU                     | Intel® 10 <sup>th</sup> Gen. UHD Graphics                                  |
| Graphic Engine          | DirectX 12.1, OpenGL 4.6, OpenCL 1.1                                       |
| Display Interface       | 1 x DP (Max.4096 x 2160 @60Hz)<br>1 x HDMI (Max.4096 x 2160 @60Hz)         |
| Network Controller      | 1 x RTL 8111H Gigabit Ethernet                                             |
| Ethernet                | 1 x RJ45                                                                   |
| USB                     | 4 x USB 3.2 Gen1                                                           |
| Serial Port             | 1 x RS232                                                                  |
| Audio                   | 1 x 2-in-1 Headset (MIC-IN & AUDIO-OUT)                                    |
| Wireless                | 1 x E-Key M.2 (2230) for Wi-Fi/BT                                          |
| Storage                 | 1 x Full-size Mini-PCIe for MSATA<br>Onboard eMMC5.1 32GB (Optional: 64GB) |
| JAHG                    | WatchDog Timer<br>Auto Power On<br>RTC                                     |
| Operation System        | Windows 10 IoT/Windows 11/Linux                                            |
| Power Requirement       | DC-IN 12V/19V                                                              |
| Dimensions( W x D x H ) | 130mm x 129.3mm x 25.4mm (5.12" x 5.09" x 1")                              |
| Construction            | Metal                                                                      |
| Color                   | Black                                                                      |
| Operating Temperature   | 0°C~40°C (32°F~104°F) @ 0.7 m/s Air Flow                                   |
| Relative Humidity       | 95% @ 40°C (non-condensing)                                                |
| Certification           | CE, FCC                                                                    |

## Order Information

|               |                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------|
| DK310-J6413   | Intel® Celeron J6413 Processor                                                                |
| DK310-J6412   | Intel® Celeron J6412 Processor                                                                |
| DK310-J6426   | Intel® Celeron J6426 Processor                                                                |
| Packing List  | 2 x WiFi Antenna, 1 x Drive Disk, 1 x User manual<br>1 x AC Power Cable, 1 x AC Power Adapter |
| Optional Item | VESA Mounting Kit (JC501)                                                                     |

## Dimensions and Drawing

