



## High Performance Mini PC

8K@60 | 4-screen output | DDR5 memory

# DE5900

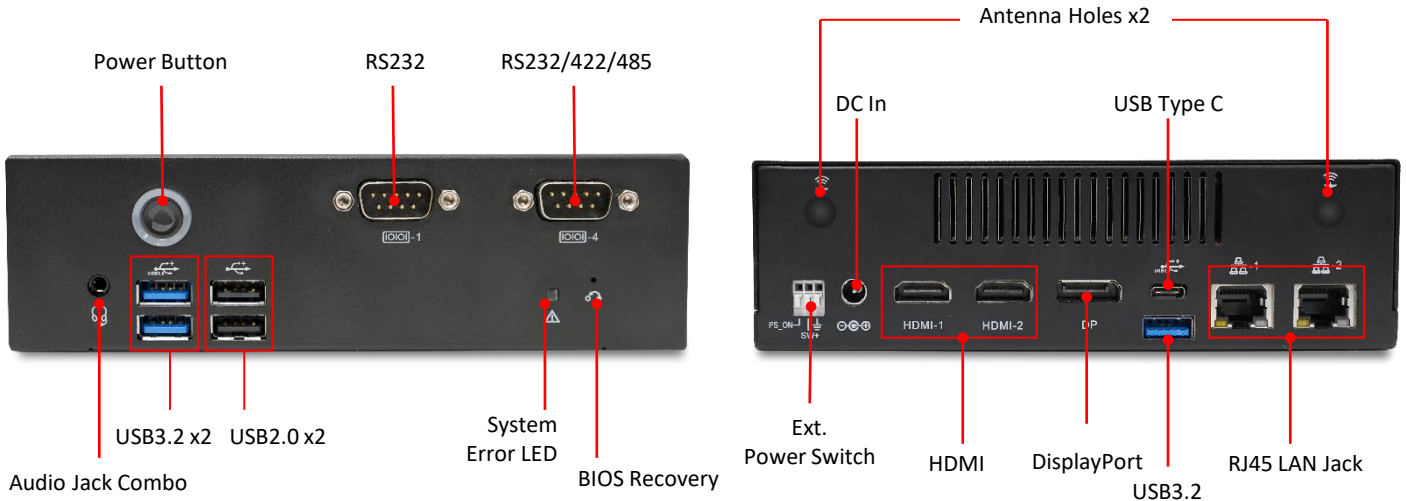
DE5900 is AOPEN's new product designed for Digital Signage & Kiosk markets, powered by 13th Gen Intel Core i Raptor Lake-P CPU. Its hybrid architecture, DDR5 support, and HDMI2.1 enable enhanced performance, 8K@60/4K@120hz video playback, and Dynamic HDR. With a compact form factor, 4-screen output, and DDR5 compatibility, it suits various applications, from fast catering to fashion retail, delivering improved user experiences.

### The DE5900 features:

- Intel® 13<sup>th</sup> Core-i CPU, TDP<=15/28W
- DDR 5 memory, max to 96G
- HDMI2.1 8K HDR playback
- UHD(4K) content playback
- Supports 4-screens output \* 4th screen via USB-C
- DDR5 memory module
- Fan Based System



# DE5900



| Model name     |                  | DE5900   |
|----------------|------------------|--|
| Color          |                  | Black  |
| Dimensions     | W x H x D (mm)   | 166 x 48 x 157 mm  |
|                | W x H x D (inch) | 6.54 x 1.89 x 6.18 inch  |
| Weight         | Net Weight       | 1.63 kgs / 3.59 lbs  |
|                | Gross Weight     | 1.96 kgs / 4.32 lbs  |
| CPU            | Type             | Intel® 13 <sup>th</sup> Core-I (i5,i7) Processor<br>TDP<=15/28W  |
| Memory         | Channels         | Dual Channel   |
|                | Type             | DDR5 SO-DOMM x2  |
|                | Data Rate        | 4800 / 5200 MHz  |
|                | Max Memory       | Max 96G  |
| Graphics       |                  | Intel® Iris Xe Graphics  |
| Expansion slot |                  | M.2 slot x1, 2242(key B for 4G/SATA SSD)<br>M.2 slot x1, 2280(key M for PCIe SSD)<br>M.2 slot x1, 2230(key E for wifi) |
| Audio          | Type             | Realtek HD Audio ALC265CG  |
|                | Channel          | Stereo   |
| LAN            | Chip             | Intel® 2.5GLAN x2 (i226LM + i226V)   |
|                | Speed            | 100 / 1000 / 2500 Mbps   |
| Storage        | 2.5" Bay         | -  |
|                | M.2 SSD          | X 2  |

|                       |               |   |   |
|-----------------------|---------------|---|---|
| Front Panel I/O       | USB 2.0 Port  |   | X 2   |
|                       | USB 3.2 Port  |   | X 2   |
|                       | Power Button  |   | X 1   |
|                       | Others        |   | System Error LED x1, Audio Combo x1, BIOS Recovery x1, RS232 x1, RS232/422/485 x1 |
| Rear Panel I/O        | DC Input      |   | X 1 (12 /24V)   |
|                       | HDMI Port     |   | X 1 (HDMI 2.1); x1 (HDMI 2.0)   |
|                       | DisplayPort   |   | X 1   |
|                       | USB Port      |   | X1 (USB3.2)   |
|                       | eSATA Port    |   | -   |
|                       | RJ45 LAN Jack |   | X2  |
|                       | COM Port      |   | -   |
|                       | Audio Set     | Line-Out  | X1  |
|                       |               | Mic-in  | X1  |
|                       | Antenna Holes |   | X2  |
| Kensington Lock Hole  |               | -   |   |
| Others                |               | USB Type C x 1w/DP;<br>Extended Power Switch x1 |   |
| Watchdog Timer        |               | 1 ~ 255 sec/min                                 |   |
| TPM                   |               | 2.0   |   |
| Power Supply          |               | 90W(19V, 4.74A) AC Adapter                      |   |
| Input Voltage         |               | AC 100 ~ 240V                                   |   |
| Warranty              |               | 2 Years   |   |
| Operating Temperature |               | 0 ~ 50°C (32 ~ 122°F)                           |   |
| Storage Temperature   |               | -30 ~ 60°C (-22 ~ 140°F)                        |   |

Supports



\*Please note that product specifications are subject to change without notice



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