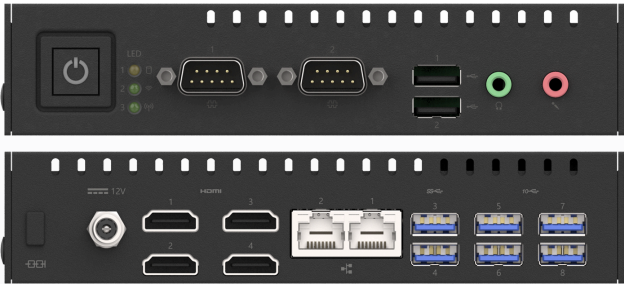


INDUSTRIAL EDGE GATEWAY

# ArrowLinux

## Edge Gateway SE30n G2

Edge AI workload with Intel® Core™ 7 processor.



**ArrowLinux Edge Gateway SE30n G2**  
Intel® Core™ 7 150U • 4 x HDMI • DIN rail / VESA mount

### 10 cores

Intel® Core™ 7 150U, up to 5.4 GHz

### 48 GB

Maximum DDR5 memory

### 4 x HDMI

Up to 4 independent displays

### 0 to 50°C

Operating temperature, IP50 option

## OVERVIEW

The ArrowLinux Edge Gateway SE30n G2 brings more processing power to the edge for AI inference, analytics and visualisation close to the process. Its Intel® Core™ 7 150U processor has 10 cores and up to 5.4 GHz, with up to 48 GB DDR5 memory and room for two M.2 drives.

Two serial ports, 2.5GbE and GbE LAN, eight USB ports and four HDMI outputs connect it to machines and operator screens, and an optional Flexible I/O module adds 4 DI / 4 DO or CAN. Discrete TPM 2.0 and Intel® vPro® Essentials support secure remote management.

### PRICE

USD 1,615

\*Contact [sales@arrowlinux.com](mailto:sales@arrowlinux.com) for more information & applicable discount code

## ARROWLINX EDGE GATEWAY SE30N G2

Edge AI

A compact edge computer for AI inference, HMI and multi-screen dashboards, certified for Ubuntu, Red Hat Enterprise Linux and AWS IoT Greengrass.

- ◆ 10-core Intel® Core™ 7 150U, up to 48 GB DDR5
- ◆ 2.5GbE + GbE, 2 x RS-232/422/485, 8 x USB
- ◆ Optional Wi-Fi 6E, 4G LTE and Flexible I/O (DIO or CAN)

## KEY FEATURES

01

**Edge AI performance**  
 10 cores and 12 threads for inference, analytics and data processing on site.

02

**Built for industry**  
 0 to 50°C operation, 2 Grms vibration, 30 G shock, IP50 with dust cover kit.

03

**Secure and manageable**  
 Discrete TPM 2.0, Secure Boot and Intel® vPro® Essentials.

# Technical Specifications

ArrowLinux Edge Gateway SE30n G2

| Specification           | ArrowLinux Edge Gateway SE30n G2                                                                             |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| PROCESSOR & GRAPHICS    |                                                                                                              |
| Processor               | Intel® Core™ 7 150U, 10 cores (2 P + 8 E) / 12 threads, up to 5.4 GHz, 12 MB cache, Intel® vPro® Essentials  |
| Graphics                | Intel® UHD Graphics (integrated), DirectX® 12.1                                                              |
| Displays                | Up to 4 independent displays: 4 x HDMI® 2.1 TMDS, up to 4096 x 2304 @ 60 Hz                                  |
| MEMORY & STORAGE        |                                                                                                              |
| Memory                  | Up to 48 GB DDR5, 1 x SODIMM                                                                                 |
| Storage                 | Up to 2 drives: 1 x M.2 2280 PCIe® NVMe® SSD (PCIe 4.0 x4) up to 2 TB, plus 1 x M.2 2242 SATA SSD up to 1 TB |
| Expansion               | 3 x M.2 (Key E for WLAN, Key M for NVMe® SSD, Key B for WWAN / SATA SSD / Flexible I/O)                      |
| CONNECTIVITY            |                                                                                                              |
| Ethernet                | 1 x 2.5GbE RJ-45 (Intel® I226-V) + 1 x GbE RJ-45 (Intel® I219-LM, vPro®), Wake-on-LAN                        |
| Wireless (optional)     | Wi-Fi® 6E + Bluetooth® 5.3                                                                                   |
| Cellular (optional)     | 4G LTE Cat 6 M.2 module with eSIM (Windows® 11 IoT LTSC)                                                     |
| Front I/O               | 2 x serial (RS-232 / 422 / 485), 2 x USB-A 2.0, 1 x microphone-in, 1 x headphone                             |
| Rear I/O                | 4 x USB-A 10Gbps, 2 x USB-A 5Gbps, 4 x HDMI® 2.1, 1 x 2.5GbE RJ-45, 1 x GbE RJ-45, 12 V DC-in (lockable)     |
| Flexible I/O (optional) | DIO (4 DI / 4 DO) or CAN                                                                                     |
| POWER & PHYSICAL        |                                                                                                              |
| Power input             | DC 12 V, lockable jack, 90 W adapter                                                                         |
| Dimensions (W x D x H)  | 170 x 125 x 36 mm                                                                                            |
| Weight                  | Approx. 1.1 kg                                                                                               |
| Mounting                | VESA or DIN rail bracket kit (optional)                                                                      |
| ENVIRONMENT             |                                                                                                              |
| Operating temperature   | 0 to 50°C (0.7 m/s airflow)                                                                                  |
| Storage temperature     | -30 to 70°C                                                                                                  |
| Humidity                | 95% at 40°C, non-condensing                                                                                  |
| Shock / vibration       | 30 G / 11 ms operating; 2 Grms random, 5 to 500 Hz                                                           |
| Ingress protection      | IP50 with dust cover kit                                                                                     |
| SECURITY & SOFTWARE     |                                                                                                              |
| Security                | Discrete TPM 2.0, Secure Boot, Kensington® security slot                                                     |
| Operating systems       | Windows® 11 IoT Enterprise LTSC 2024, Ubuntu Server 24.04 LTS, Ubuntu Core 24, IGEL OS 12, or no OS          |
| Software certified      | Ubuntu Core, Ubuntu Server, Red Hat Enterprise Linux, AWS IoT Greengrass, IGEL                               |
| Compliance              | CE, FCC Class A, IC, RCM, VCCI, BSMI, KC, CB, ETL / cETL, UKCA; RoHS, REACH, WEEE                            |

Optional items are available on selected configurations. Specifications may vary by configuration and are subject to change without notice.