

# W14IE3S-EHA1

14" Intel® Celeron® N6211 E Series HMI Panel PC



CE

FC

## KEY FEATURES

- 14" 1920 x 1080 Resolution with Projected Capacitive MultiTouch (PCAP)
- Intel® Celeron® N6211 Processor
- Dual Gigabit Ethernet
- Fanless cooling system and ultra low power consumption
- Front IP65 Water and Dust Proof

## INTRODUCTION

Winmate E Series HMI offers versatile and reliable solutions for industrial automation, available in sizes from 7" to 15.6". With support for various operating systems including Windows, Android, and Linux, it features a PCAP multi-touch display, front IP65 water and dust protection, and a fanless cooling system for ultra-low power consumption. Its robust design includes dual Gigabit Ethernet, multiple I/O ports, and resolutions up to 1920x1080, making it ideal for applications in manufacturing, logistics, and smart factories.

## SPECIFICATIONS

### Display

|                  |                                         |                |             |
|------------------|-----------------------------------------|----------------|-------------|
| Touch / Glass    | Projected Capacitive Multi Touch Screen | Resolution     | 1920x1080   |
| Size             | 14.0 inches                             | Contrast Ratio | 1200:1      |
| Panel Brightness | 700.0 nits                              | View Angles    | 89,89,89,89 |
| Active Area      | 309.312x173.988 mm                      |                |             |

### System Specification

|           |                                                                      |                     |                                                                                                                                                                     |
|-----------|----------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Intel® Celeron® N6211 ( up to 3.0GHz)                                | Memory              | 1 x SO-DIMM, DDR4 3200 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)                                                                                                |
| Storage   | 1 x M.2 2242 B-key SSD 128GB<br>256GB (Optional)<br>512GB (Optional) | Ethernet controller | 2 x Intel® Ethernet Controller                                                                                                                                      |
| Security  | TPM 2.0                                                              | Operating System    | Windows 11 IoT Enterprise (64 bit) (Optional)<br>Windows 11 Pro 64 bit (Optional)<br>Windows 10 IoT Enterprise (64 bit) (Optional)<br>Linux Ubuntu 22.04 (Optional) |

### Mechanical

|                |                                      |           |                        |
|----------------|--------------------------------------|-----------|------------------------|
| Dimension      | 340 x 220 x 62 mm                    | Weight    | 2 kg                   |
| Mounting       | Panel mount<br>VESA mount (Optional) | Enclosure | Metal Housing & ABS+PC |
| Cooling System | Fanless Design                       | Cut out   | 318.6 x 198.6 mm       |

### Environment

|                     |                               |                       |             |
|---------------------|-------------------------------|-----------------------|-------------|
| Operating Humidity  | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C                 | IP rating             | Front IP65  |

## Certification

|               |         |
|---------------|---------|
| Certification | CE, FCC |
|---------------|---------|

## IO Ports

|                |                                                                                          |          |                                 |
|----------------|------------------------------------------------------------------------------------------|----------|---------------------------------|
| Power Input    | 1 x 12V DC, 2.5φ DC jack                                                                 | USB Port | 2 x USB3.2 Gen2x1 (Type-A)      |
| Serial Port    | 1 x RS232/422/485 (Default RS232)                                                        | Video    | 1 x HDMI 2.0 (Optional)         |
| Expansion Port | 1 x M.2 2242 B-Key Slot (for SATA III SSD)<br>1 x M.2 2230 E-Key Slot (for Wi-Fi module) | LAN      | 2 x 2.5 Giga LAN RJ45 Connector |

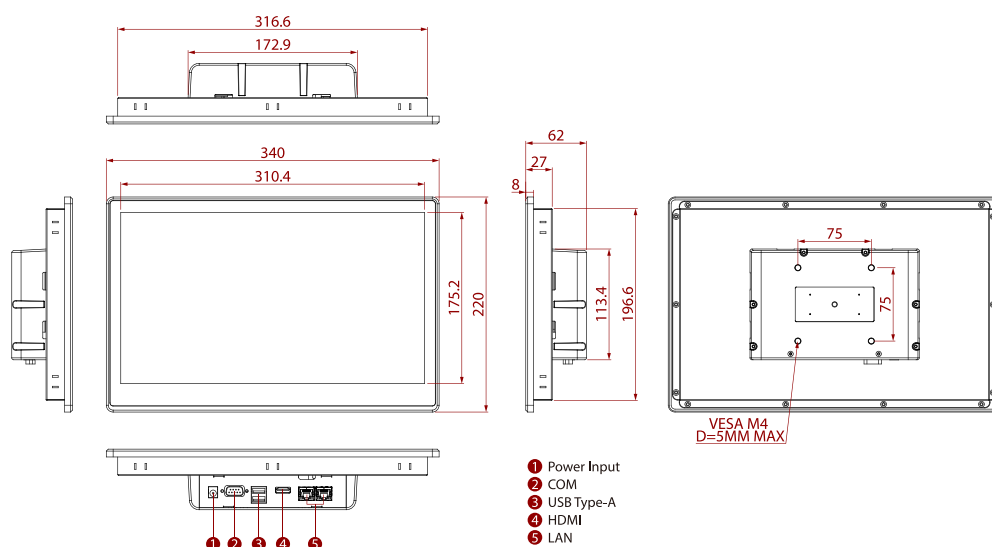
## Accessory

|           |                                                                          |
|-----------|--------------------------------------------------------------------------|
| Accessory | 100~240V AC to DC Adapter<br>Power Cord<br>VESA screws<br>Mounting clips |
|-----------|--------------------------------------------------------------------------|

## Power

|              |                            |         |         |
|--------------|----------------------------|---------|---------|
| Power Rating | 12V DC<br>9~36V (Optional) | Adapter | 12V 50W |
|--------------|----------------------------|---------|---------|

## DIMENSIONS UNIT:MM



## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.