

W14IE3S-EHA1

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



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 W14IE3S-EHA1 is a 14-inch Intel® Celeron® N6211 E Series HMI Panel PC engineered for machine control, factory automation, and operator HMI. It combines Intel® Celeron® N6211, 14-inch display with 1920x1080 resolution, and IP65 to support reliable operation in harsh industrial environments. With Linux, Ubuntu, the W14IE3S-EHA1 helps OEMs, system integrators, and project teams deploy durable, configurable solutions for demanding field, factory, and mission-critical applications.

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

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Processor N150 6M Cache, up to 3.60 GHz	Memory	8GB (Default) 16GB (Optional)
Storage	128GB SSD (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 24.04(Do not support Wake on Touch) (Optional)

Mechanical

Dimension	340 x 220 x 62 mm	Weight	2 kg
Mounting	Panel mount (Default) 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

