



- Features
- 10.1" Touchscreen in Both Resistive and PCap Options
 - Celeron J6412 Processor Passmark Rating 3839
 - Windows 11 Compatibility
 - IP66 Stainless Steel Housing
 - Waterproof M12 I/O Connectors

Technical Specifications

General

Main CategoryIndustrial Computer

Primary Components

Processor FamilyIntel Celeron Elkhart Lake

Processor ModelCeleron J6412

Processor Speed2.0 GHz, Up to 2.6 GHz

Memory Type1x DDR4 SO-DIMM

Memory Support4GB, 8GB, 16GB, 32GB

Storage type1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 SATA3 2242 Slot

Storage supportM.2 and 2.5": 128GB - 1TB

Display

Screen Size10.1"

Resolution1280 x 800 (WXGA)

Screen Ratio16:10

Brightness350 nits, Optional 1000 nit High Brightness

Contrast Ratio800:1

Viewing Angle170° (H), 170° (V)

Number of Colors Supported16.2M (Standard) / 16.7M (High Brightness)

Expansion Slots

Internal Mini PCIe1x Mini-PCIe

Internal M.21x M.2 Type E

OtherOptional RFID module, front side

Multimedia

Thermal and Environmental

Operating TemperatureArray (32°F – 122°F; Optional -4°F – 140°F)

Storage Temperature Array (-22°F – 158°F)

Humidity Range10% – 95% Non-condensing

Cooling SolutionPassive – Fanless

Touch Screen

Touch Screen Projected Capacitive (Multi-touch), Resistive

Enclosure

Material SUS304 Stainless Steel, Optional SUS316 Stainless Steel

Ip Rating IP66, IP69K Front Bezel

Color Stainless Steel

Led Indicator Light Power

Control Buttons Power Button, Touchscreen Lock for Cleaning

Mounting Options Desktop Stand, VESA 75 Mount, Wall Mount, Yoke Mount

External I/O ports

USB 1x M12 8Pin for USB 1/2, 1x Optional M12 8Pin for USB 3/4

Serial / Com 1x M12 8-pin for COM, 1x Optional M12 8-pin for COM 2

Serial Protocol Detail RS-232/422/485, RS-232 default

Ethernet / LAN 1x M12 8pin RJ45 Gbe LAN, 1x Optional M12 8pin RJ45 Gbe LAN

Power Input Port M12 type 3-PIN DC-in

Peripherals & Wireless Connectivity

WiFi Optional Wi-Fi 6, 802.11 a/b/g/n/ac/ax

BlueTooth Optional Bluetooth 5.3

Sim card 1x Nano SIM Card Slot

RFID Optional 125Khz or 13.56 Mhz

Sensors Light Sensor

Power

Input Voltage Range 9-36V DC

Dimensions / Weight

Dimensions 300x53x220 mm (11.8 x 2.1 x 8.7 in)

Battery

Certification

Certifications CE, FCC

Operating Systems

Warranty

Windows Windows 11 IoT, Windows 11 Pro, Windows 10 IoT, Windows 10 Pro

Warranty Up to 5 Years

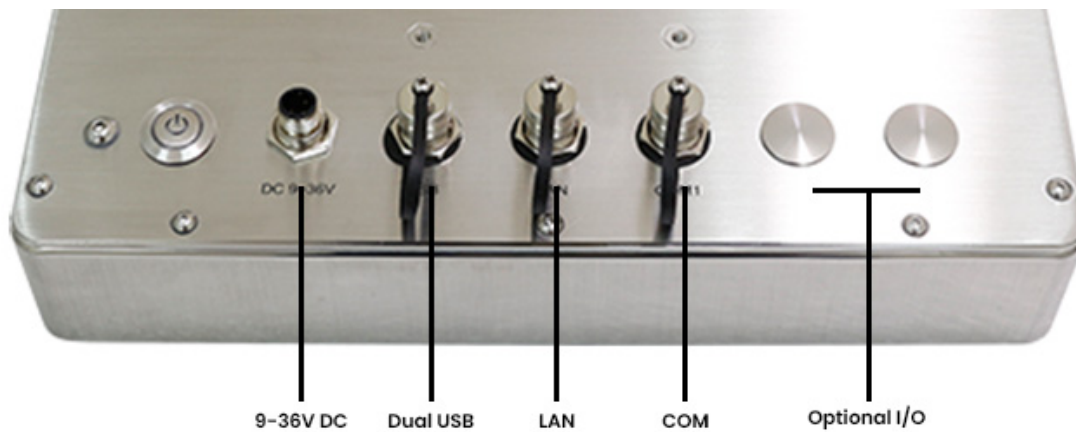
Compatibility

Filters

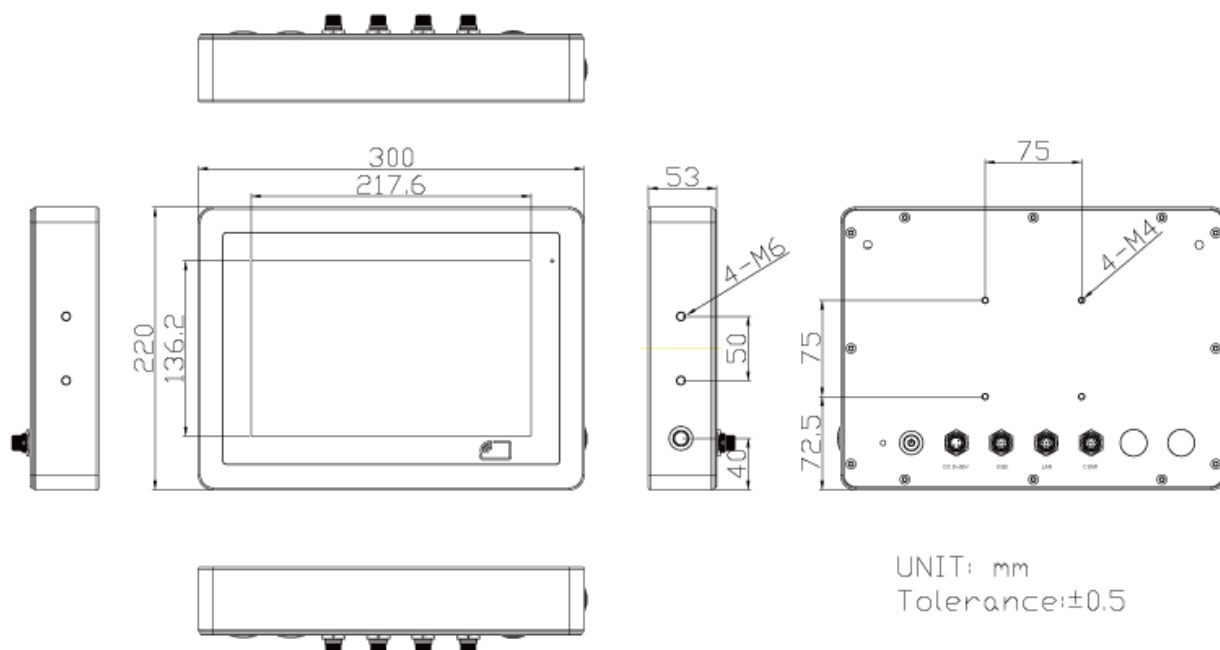
Security Hardware TPM 2.0

Main Category Filter Industrial Computer

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.