



MACTRON
GROUP

MTG PPC Line

WAM Series Roadmap Update Q2 2024

Agenda

- ◆ Key Features
- ◆ Target Application
- ◆ Specification
- ◆ System Layout

Key Features

Key Features



WAM Series

Panel Mount Touch Panel PC

- Size: 7" to 21.5"
- Ratio: 16:9 & 4:3

Key Features



Ruggedize

- IP65 Protection

Certification

- CE/ FCC
- Compliant with more than 30+ countries certification

Longevity

- Long-term supply
- Support both Windows & Android System
- Various Mounting Solutions

Target Application

Target Application

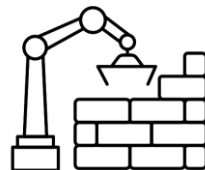
Application 1 – Industrial Automation



Material Management



HMI Controller

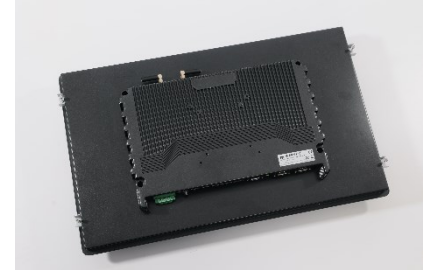


Building Automation

Specification

Specification

- 16:9 & 4:3 Aspect Ratio True-Flat PCAP touch
- Intel Core i5-10210U Quad Core Processor (Optional Core i7/i3)
- RK3568 Quad Core Processor
- Aluminum Alloy Housing
- Fanless & Front Panel IP65
- Support Phoenix type connector for DC power input
- Supports panel mount, wall mount, VESA, and desktop stand



Size Option (High-End)

| 4:3 | | 16:9 | |
|----------------------------------|---------|----------------------------------|---------|
| Windows Version (Core i5-10210U) | | Windows Version (Core i5-10210U) | |
| 12" | WAM1207 | 7" | WAM0707 |
| 17" | WAM1707 | 11.6" | WAM1167 |
| | | 15.6" | WAM1567 |
| | | 21.5" | WAM2157 |

Size Option (Entry Level)

| 4:3 | | | 16:9 | | |
|-----|----------------------------|---------------------|-------|----------------------------|---------------------|
| | Windows (Celeron J4125) | Android (RK3568) | | Windows (Celeron J4125) | Android (RK3568) |
| 12" | WAM1200 | WAM1202 | 7" | WAM0700 | WAM0702 |
| 17" | WAM1700 | WAM1702 | 11.6" | WAM1160 | WAM1162 |
| | | | 15.6" | WAM1560 | WAM1562 |
| | | | 21.5" | WAM2150 | WAM2152 |

CPU Platform

- Android Version

Cortex-A17 RK3568 (Standard)

- Windows Version

Core i5-10210U (Standard)

Celeron J4125 (Optional)

Core i3-10110U (Optional)

Core i7-10510 (Optional)

Function Difference

| | Windows Version | Android Version |
|-------------------|---|-----------------|
| DC-in | x1 | x1 |
| USB 2.0 | x2 | x2 |
| USB 3.0 | x2 | NA |
| LAN | x1 | x1 |
| COM (RS232) | x2 (7" has only x1) | x2 |
| HDMI | x1 | x1 |
| SIM card slot | x1 | x1 |
| TF card slot | NA | x1 |
| Line-out | x1 | x1 |
| VGA | x1 | NA |
| RAM & Storage | Socket Type | Mounted |
| Phoenix connector | x1 (Support Sizes which is Bigger than 10.1") | |

Optional Functions

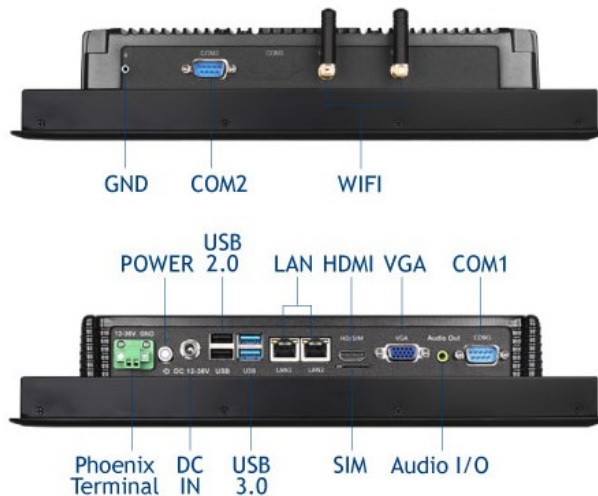
| | Windows Version | Android Version |
|-------------------------------|--|--|
| Linux | Ubuntu | x |
| PoE | Supported | Supported |
| Windows 11 | Celeron J4125 & 10 th Gen CPU Supported | x |
| Wake-on-Lan | Supported | x |
| Wide Power Input (12V to 36V) | Supported | RK3288 Version (Not Supported) RK3399 Version (Supported) |

System Layout

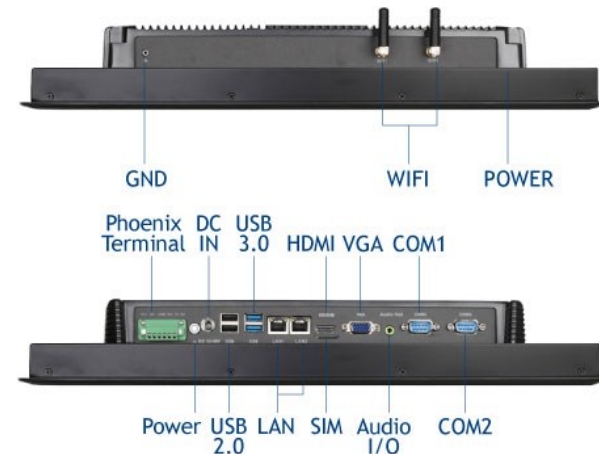
System Layout (Celeron J4125 & Core i5-10210U)



Size: 7" to 8"



Size: 10.1" to 12"



Size: 15" to 21.5"

System Layout (Android Version)



Size: 7" to 8"



Size: 10.1" to 12"



Size: 15" to 21.5"



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