# MS-1A22

12.1"

Front

IP65

Fanless

HMI

Panel

PC

(MSI,

Alder

## System

| | |
|---|---|
| **CPU** | Intel Alder Lake-N (N97 2.0GHz QC 12W / Atom X7425E 1.5GHz QC / Core i3-N305 1.8GHz 8C) - optional |
| **Memory** | Single-channel DDR5 SO-DIMM 262-pin, up to 16GB - optional |
| **LAN** | 2 x Intel I226V/I226LM 2.5GbE |
| **USB** | 2 x USB 3.1 (Dual Stacked Type-A), 2 x USB 2.0 |
| **Serial** | 3 x COM (COM1-2 RS-232/422/485 0/5/12V, COM3 RS-232) |
| **Display Out** | HDMI 3840x2160 + DisplayPort 4096x2160 |
| **Storage** | 1 x 2.5" HDD (Option), M.2 B key slot |
| **Power** | DC-in 12~24V |
| **IP Rating** | Front IP65 / Rear IP41 |
| **Operating Temp** | 0~40 C, 20~90% RH |
| **OS Support** | Windows 10/11 IoT Enterprise LTSC |

## Physical

| | |
|---|---|
| **Dimensions** | 251 x 313 x 13.45 mm |
| **Weight** | 2.3 kg |
| **Mounting** | VESA 75x75 / 100x100 (Option) |