MS-1A81

21.5"

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	333.01 x 538.55 x 41.95 mm
Weight	5.6 kg
Mounting	VESA 75x75 / 100x100 (Option)