

ARCHMI-S Series

New Industrial Client HMI



High Performance

ARCHMI-S-8B P/R(H)

Intel Celeron J6412

ARCHMI-S-9D P/R(H)

12th Gen. Intel i3/ i5

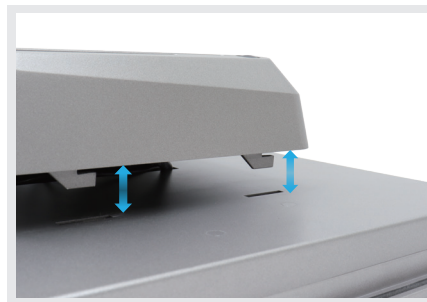
Features

- 7"~23.8" TFT-LCD
- IP66 Compliant Aluminum Front Bezel
- Fanless Design
- Wide range DC 9~36V Power Input

- Wide Range -20~60°C Operating Temperature
- High Brightness and Auto-Dimming Solution
- Multi-touch with Resistive Touch/ PCT
- Ultra Slim Design with Superior Thermal Solution



Slim Front Enclosure



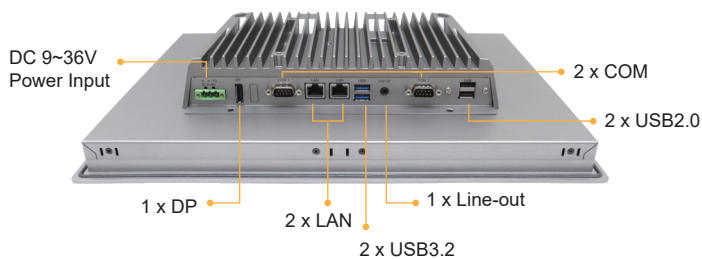
Modular Design & Easy Maintenance



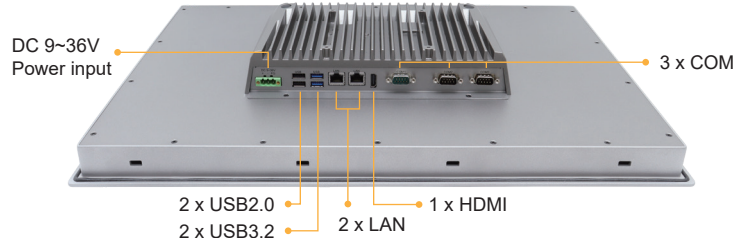
Great Thermal Dissipation
for High Performance Platform

I/O Interfaces

ARCHMI-S-8B



ARCHMI-S-9D



Applications



Smart Factory



EV Charger



Machinery Control



Model	ARCHMI-S-8B P/R(H)						ARCHMI-S-9D P/R(H)					
System												
Processor	Intel Celeron J6412 Processor						12th Gen. Intel i3/i5 Processor					
System Memory	1 x DDR4 3200MHz SO-DIMM, up to 32GB						2 x DDR4 3200MHz SO-DIMM, up to 32GB					
I/O Port												
USB	2 x USB 3.2 Type A: 7", 8" 2 x USB 3.2 Type A, 2 x USB 2.0 Type A: 10.1"~23.8"						2 x USB 3.2 Type A, 2 x USB 2.0 Type A					
Serial/Parallel	1 x RS-232/422/485, DB9 (COM1, default RS-232): 7", 8" 1 x RS-232/422/485, DB9 (COM2, default RS-232), 1 x RS-232, DB9 (COM3): 10.1"~23.8"						1 x RS-232/422/485, DB9 (COM1, default RS-232) 1 x RS-232/422/485, DB9 (COM2, default RS-232) 1 x RS-232, DB9 (COM3)					
Audio	1 x Line-out						-					
Graph	1 x DP Ports						1 x HDMI					
LAN	1 x RJ-45 Intel I210-AT 1GbE LAN 1 x RJ-45 Intel I225-LM/ I226-LM 2.5GbE LAN						1 x RJ-45 Intel I219-LM GbE LAN 1 x RJ-45 Intel I210-AT, GbE LAN					
Power	1 x Terminal Block, DC 9~36V Power Input						1 x Terminal Block, DC 9-36V Power Input					
Storage Space												
HDD/SSD	1 x M.2 B-Key 2242/2280 for SSD (SATA3)						1 x M.2 M-Key Slot for NVME (PCIe x1, 2280)					
Expansion												
Expansion Slot	1 x Mini-PCIe slot (full size, PCIe 3.0 x1, USB 2.0), with 1 x Micro SIM slot 1 x M.2 E-Key 2230 for Wi-Fi/ Bluetooth module (USB 2.0, PCIe 3.0 x1)						1 x M.2 E-Key slot (Support Wi-Fi/ Bluetooth, 2230) 1 x M.2 B-Key slot with 1 x Nano-SIM slot (Support 4G/5G, 3042/3052)					
Security												
TPM	Onboard TPM2.0 SPI I/F TPM IC											
Wake on LAN	Support WOL											
Watchdog Timer	1~255 sec (system)											
Display												
Display Type	7" (8B only)	8" (8B only)	10.1"	12.1"	12.1" Wide	15"	15.6"	17"	18.5"	19"	21.5"	23.8"
Max. Resolution	800x480	800x600	1280x800	800x600 1024x768	1280x800	1024x768	1920x1080	1280x1024	1920x1080	1280x1024	1920x1080	1920x1080
Touch Screen												
Type	Resistive Touch (For R model) / Projected Capacitive Touch (For P model)											
Interface	USB											
Light Transmission(%)	Resistive Touch : 80% Projected Capacitive Touch : 90%											
Power												
Power Input	DC 9~36V											
Mechanical												
Construction	Aluminum Die-casting Chassis											
IP Rating	IP66 Compliant Front Bezel											
Mounting	Panel Mount, VESA Mount											
Environmental												
Operating Temperature	0~50℃ -20~60℃ (with industrial-wide temp. SSD/RAM), excluding 21.5" and 23.8"											
Storage Temperature	-30~70℃											
Storage Humidity	10 to 95%@ 40℃, non-condensing											
Certificate	CE/FCC class A											
OS Support	Windows 10 IoT Enterprise 2021 LTSC Windows 11 (21H2) or later, Linux 18.04 or later						Windows 10 IoT Enterprise 2021 LTSC Windows 11 (21H2) or later, Linux 22.04 or later					