ARCHMI-807(P)

7”, Intel Atom E3845/Celeron N2930, Fanless Industrial Compact Size Panel PC





Features

- 7” Industrial Compact Size Panel PC
- Flat front panel touch screen
- Fanless design
- Intel Celeron N2930(1.83GHz) CPU built-in/Atom E3845(1.91GHz) for option
- Onboard 2GB DDR 3L 1600 MHz/4GB/8GB(option)
- 9~36V DC wide-ranging power input
- IP65 compliant front panel
- Optional projected capacitive touchscreen support 7H anti-scratch surface

Specifications

System	
CPU	Onboard Intel Celeron N2930(1.83GHz) Processor/ Atom E3845(1.91GHz) for option
System Chipset	SoC
Memory	Onboard 2GB DDR 3L 1600 MHz/4GB/8GB(option)

IO Port	
USB	2 x USB 3.0 type A
Serial/Parallel	1 x RS-232 DB-9(COM2) 1 x DB-9 RS-232/422/485 (Default RS-232)(COM1)
Audio	1 x Audio Line Out
LAN	2 x GbE LAN RJ-45
HDMI	1 x HDMI Port (reserved, no printing)
Power	1 x 3-pin DC Power input terminal 1 x 2-pin connector for power on/off button

Storage Space	
HDD	1 x SATA MO-297 SSD bay (Easy Accessible)
movable device	1 x SD card slot, up to 32GB

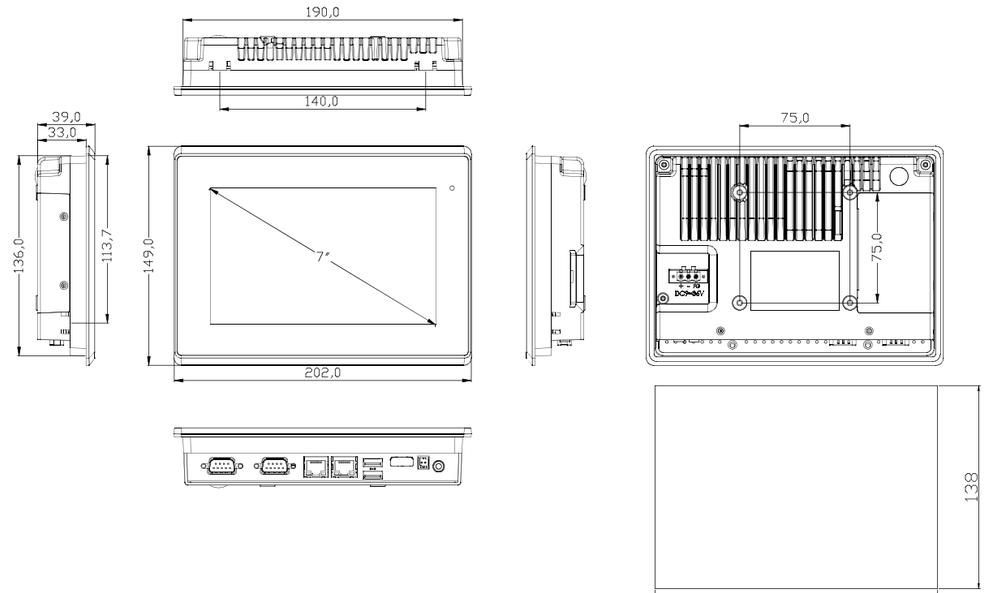
Expansion	
Expansion Slot	1 x Internal Mini-PCIe slot full size

Display	
Display Type	7” TFT-LCD
Max. Resolution	800x480
Max. Color	262K
Luminance (cd/m^2)	350
Viewing Angle (Degree)	140/110
Contrast Ratio	400:1
Backlight Lifetime	40,000 hrs

Touch screen-Resistive Touch Window Type	
TS Control IC	PenMount 6000 on Board
Interface	USB interface
Light Transmission(%)	Over 80%

Touch screen-Projected Capacitive Type	
TS Control IC	Chip on tail
Interface	USB interface
Light Transmission(%)	Over 90%

Dimensions



Mounting Hole Size

Power	
Power Input	9~36V DC
Power Consumption	MAX:14.1W(807) / MAX: 13.7W (807P)

Mechanical	
Color	RAL 9007
Construction	Aluminum Die-casting Front Bezel and Chassis
Mounting	Panel Mounting, VESA 75 x 75
Dimensions (WxHxD)	202mm x 149mm x 39mm
Net Weight	1.2 Kg

Environmental	
Operating Temperature	0~50˚C
Storage Temperature	-20~60˚C
Storage Humidity	10 to 90%@ 40˚C, non-condensing
Certificate	CE / FCC CLASS A/ UL

Operating System Support

Windows Embedded Compact 7, Windows Embedded Standard 7, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro

Ordering Information

ARCHMI-807-01	7” WVGA Fanless HMI barebone with Intel N2930 1.83GHz CPU, 2GB DDR3 RAM, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis
ARCHMI-807P-01	7” WVGA Fanless HMI barebone with Intel N2930 1.83GHz CPU, 2GB DDR3 RAM, Projected Capacitive touch screen, 9~36V DC input with adapter, Aluminum chassis

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All specifications and photos are subject to change without notice.
HMI Controller