# ARCHMI-9XX(P)

## Powerful Graphics Enhanced Fanless HMI

▶ Intel 4th Gen. Core i3 CPU Built-in
▶ Onboard 4GB DDR3L 1600MHz
▶ Aluminum Die-Casting Chassis Fanless Design
▶ Easily Accessible Storage Design
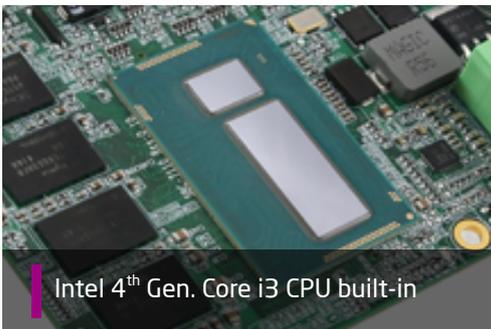▶ Flat Front Panel Design Meets IP65 Standard

**Backplane Systems Technology Pty Ltd**

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F Panel IP65

Flat Bezel

Fanless

Ultra Low Voltage

Multi Touch Screen

9~36V DC Power

Wide Temp. Option

## Features

Intel 4th Gen. Core i3 CPU built-in

Onboard 4GB DDR3L 1600MHz

Flat Front Panel Design Meets IP65 Standard

Aluminum Die-Casting Chassis Fanless Design

Easily Accessible Storage Design

Wide range 9~36V DC power input

# ARCHMI-915(P)/916(P)

Powerful Graphics Enhanced Fanless HMI

## Specifications

| Model No. | ARCHMI-915(P) | ARCHMI-916(P) |
|---|---|---|
| **System** | | |
| Processor | Intel Core i 4th Gen. Haswell Core i3 CPU  Processor | |
| System chipset | SoC | |
| System memory | OnBoard  4GB DDR3L 1600MHz / 8GB(option) | |
| **External I/O** | | |
| USB | 2 x USB 3.0 type A | |
| Serial/Parallel | 1 x DB-9 RS-232/422/485, COM1, Default RS-232<br>1 x DB-9 RS-232, COM2 | |
| Audio | 1 x Phone Jack Line-out | |
| LAN | 2 x RJ-45 GbE | |
| Power | 3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector | |
| **Storage Space** | | |
| HDD | 1 x 2.5" SATA2 | |
| Movable device | 1 x SD slot | |
| **Expansion** | | |
| On board expansion bus | 1 x Internal Mini PCIe Slot (Full Size) | |
| **Display** | | |
| Display type | 15" TFT-LCD | 15.6" TFT-LCD |
| Max. resolution | 1024 x 768 | 1366 x 768 |
| Max. color | 262K | 16.7M |
| Luminance(cd/m²) | 350 | 300 |
| View angle(H°/V°) | 160/145 | 160/160 |
| Backlight lifetime(hrs) | 50000 | 50000 |
| **Touch Screen** | | |
| Type | Resistive Touch Window / Projected Capacitive Touch(For P Model) | |
| Interface | USB | |
| Light transmission(%) | 80% For Resistive touch window / 90% For Projected Capacitive Touch | |
| **Power** | | |
| Power input | 9~36V DC | |
| **Mechanical** | | |
| Construction | Aluminum Die-casting Front Bezel and Chassis | |
| IP rating | IP65 Compliant Front Bezel | |
| Mounting | Panel Mounting,  VESA 100 x 100 | |
| Dimension(mm) | 410 x 310 x 54.7 | 412 x 277.5 x 60.4 |
| Net weight(Kgs) | 4.4 | 4.8 |
| **Enviroment** | | |
| Operating temperature(°C) | 0~50 | |
| Storage temperature(°C) | -20~60 | |
| Storage humidity | 10% to 90% @40°C Non-condensing | |
| Certification | CE/FCC class A | |
| **Operating System Support** | | |
| Windows 7 pro for embedded, Windows embedded standard 7<br>Windows 8 pro for embedded, Windows embedded standard 8 | | |

# ARCHMI-917(P)/918(P)/921(P)

Powerful Graphics Enhanced Fanless HMI

## Specifications

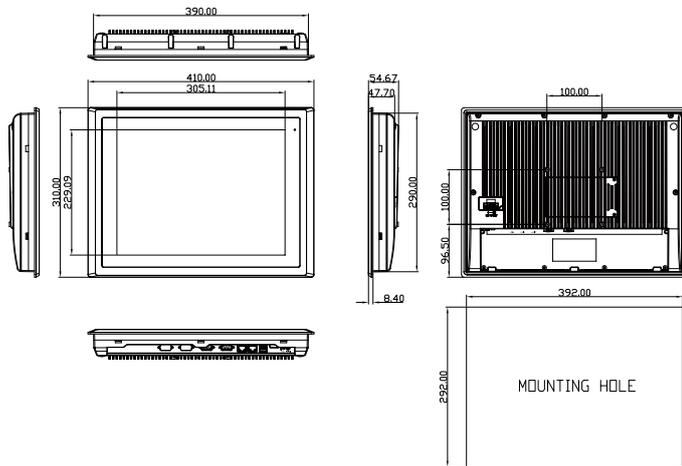| Model No. | ARCHMI-917(P) | ARCHMI-918(P) | ARCHMI-921(P) |
|---|---|---|---|
| **System** | | | |
| Processor | Intel Core i 4th Gen. Haswell Core i3 CPU  Processor | | |
| System chipset | SoC | | |
| System memory | OnBoard  4GB DDR3L 1600MHz / 8GB(option) | | |
| **External I/O** | | | |
| USB | 2 x USB 3.0 type A | | |
| Serial/Parallel | 1 x DB-9 RS-232/422/485, COM1, Default RS-232<br>1 x DB-9 RS-232, COM2 | | |
| Audio | 1 x Phone Jack Line-out | | |
| LAN | 2 x RJ-45 GbE | | |
| Power | 3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector | | |
| **Storage Space** | | | |
| HDD | 1 x 2.5" SATA2 | | |
| Movable device | 1 x SD slot | | |
| **Expansion** | | | |
| On board expansion bus | 1 x Internal Mini PCIe Slot (Full Size) | | |
| **Display** | | | |
| Display type | 17" TFT-LCD | 18.5" TFT-LCD | 21.5" TFT-LCD |
| Max. resolution | 1280 x 1024 | 1366 x 768 | 1920 x 1080 |
| Max. color | 16.7M | 16.7M | 16.7M |
| Luminance(cd/m²) | 350 | 250 | 250 |
| View angle(H°/V°) | 160/170 | 160/170 | 178/178 |
| Backlight lifetime(hrs) | 30000 | 30000 | 30000 |
| **Touch Screen** | | | |
| Type | Resistive Touch Window / Projected Capacitive Touch(For P Model) | | |
| Interface | USB | | |
| Light transmission(%) | 80% For Resistive touch window / 90% For Projected Capacitive Touch | | |
| **Power** | | | |
| Power input | 9~36V DC | | |
| **Mechanical** | | | |
| Construction | Aluminum Die-casting Front Bezel and Chassis | | |
| IP rating | IP65 Compliant Front Bezel | | |
| Mounting | Panel Mounting,  VESA 100 x 100 | | |
| Dimension(mm) | 439 x 348 x 64.8 | 499.6 x 314.6 x 59.9 | 557 x 362 x 64.8 |
| Net weight(Kgs) | 5.1 | 5.9 | 7.8 |
| **Enviroment** | | | |
| Operating temperature(°C) | 0~50 | | |
| Storage temperature(°C) | -20~60 | | |
| Storage humidity | 10% to 90% @40°C Non-condensing | | |
| Certification | CE/FCC class A | | |
| **Operating System Support** | | | |
| Windows 7 pro for embedded, Windows embedded standard 7<br>Windows 8 pro for embedded, Windows embedded standard 8 | | | |

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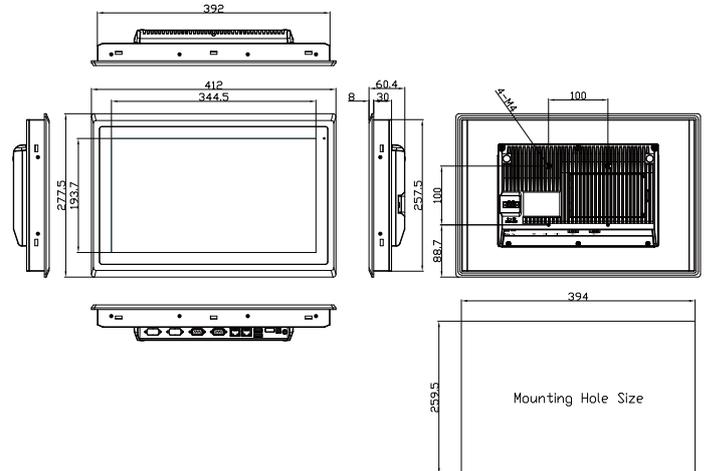# ARCHMI-915(P)/916(P)/917(P)

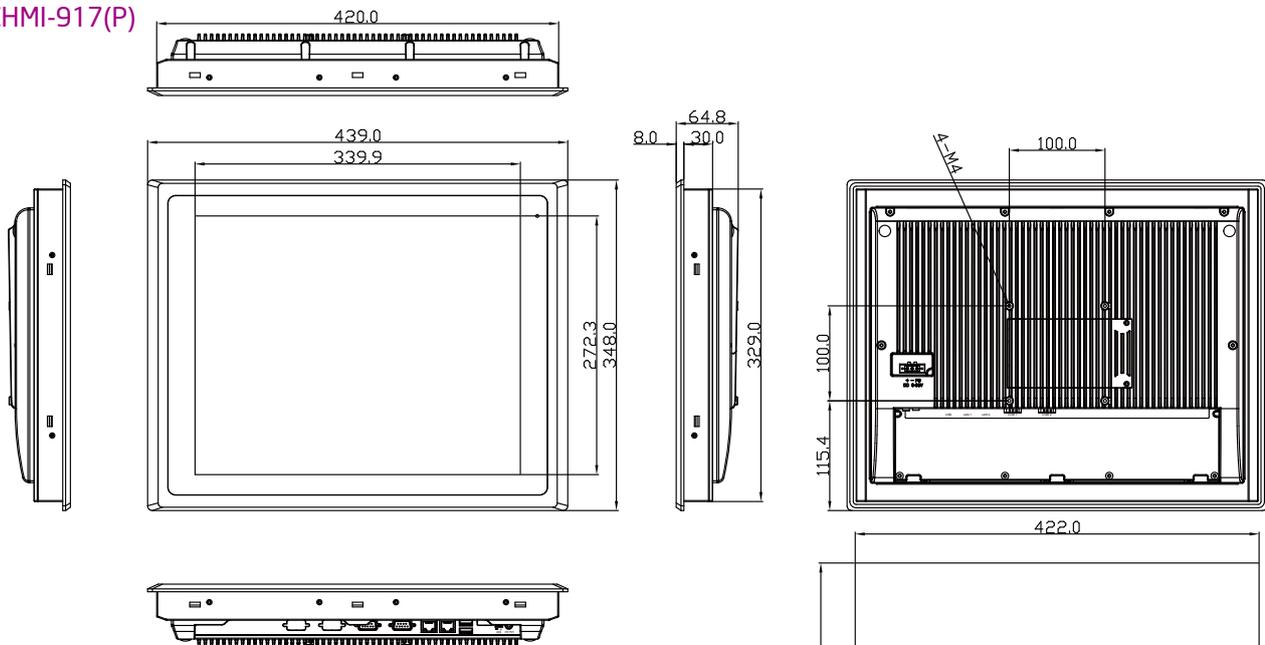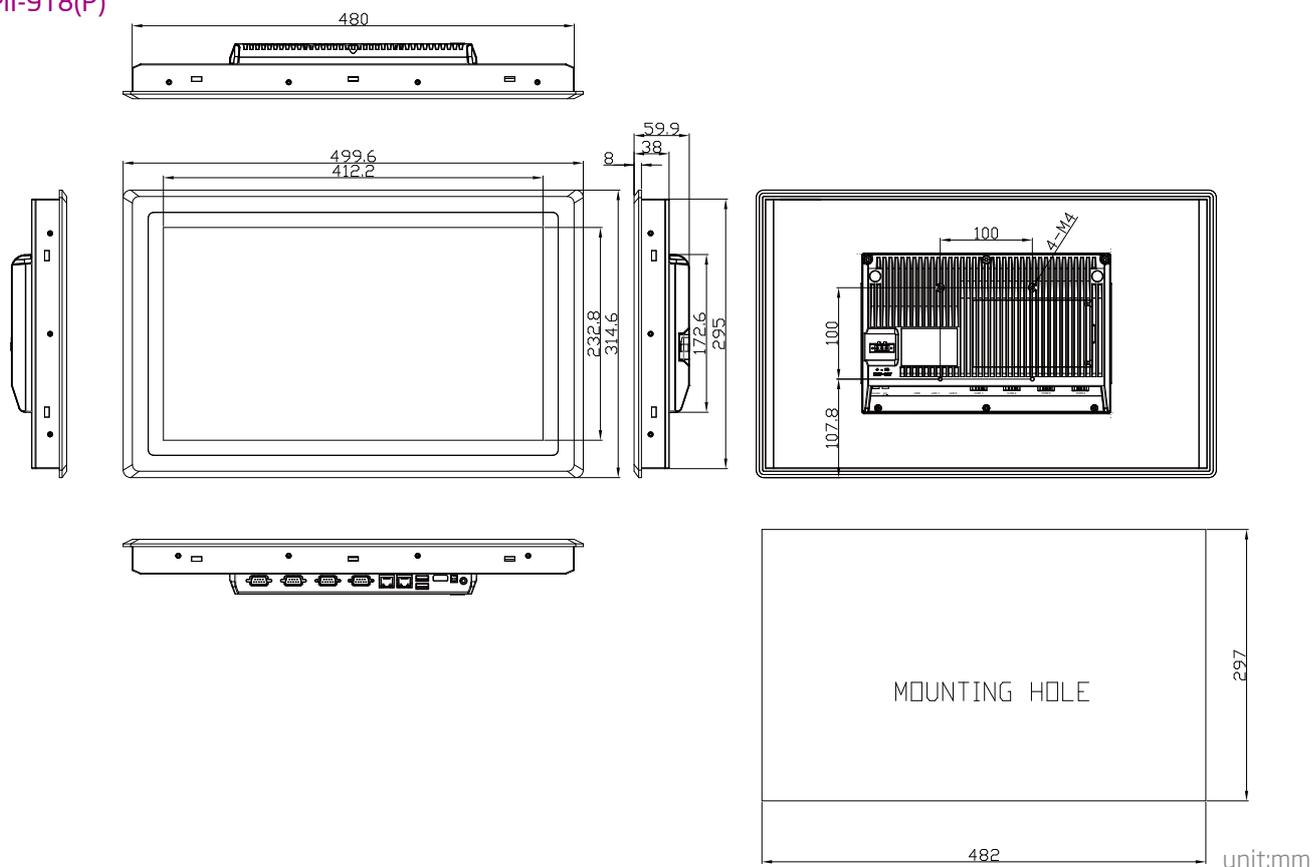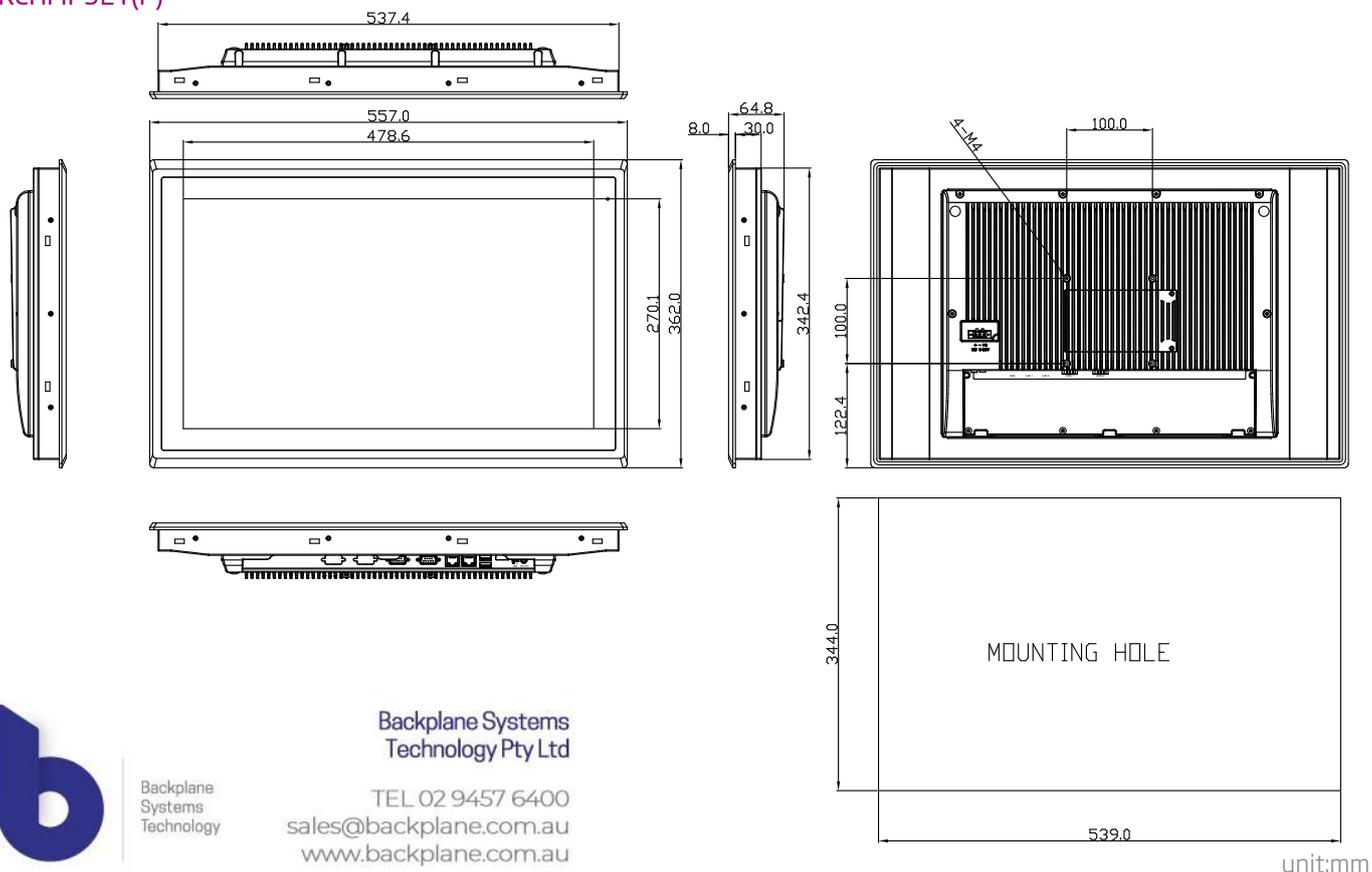Powerful Graphics Enhanced Fanless HMI

## Dimensions

### ARCHMI-915(P)



390.00

410.00
305.11

54.67
47.70

100.00

310.00
229.09

290.00

100.00

96.50

8.40

392.00

292.00

MOUNTING HOLE

unit:mm

### ARCHMI-916(P)



392

412
344.5

60.4
30

8

4-M4

100

277.5
193.7

257.5

100

88.7

394

259.5

Mounting Hole Size

unit:mm

### ARCHMI-917(P)



420.0

439.0
339.9

64.8
30.0

8.0

4-M4

100.0

272.3
348.0

329.0

100.0

115.4

422.0

331.0

MOUNTING HOLE

unit:mm

# ARCHMI-918(P)/921(P)   Powerful Graphics Enhanced Fanless HMI

## Dimensions

### ARCHMI-918(P)



MOUNTING HOLE

unit:mm

### ARCHMI-921(P)



MOUNTING HOLE

unit:mm

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