

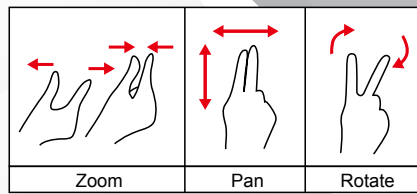
EUDA2 SERIES

The Panel PC Made Easy

- Stylish
- Interactive
- Intelligent
- Flexible
- Fan-free
- Integrated



Fan-free Slim Panel PC with Low Power Intel® Atom™ Cedarview Dual Core D2550 1.86GHz



Interactive

- True Flat-touch Window
 - From 4:3 to 16:9 widescreen format
- Project capacitive multi-touch
 - 5-wire resistive single touch (customizable)
 - 7H Vandal proof surface against damage
 - Sensitivity, Precision & Durability
 - Glove operation (Medical glove)
 - Prevent operating errors (Security)



Stylish

- All-in-one Design
- Attractive Appearance
 - Stylish industrial design
 - Aluminum tooling enclosure
 - Painted & seamless assembly
 - Indentation of I/O from side view
 - Aesthetic design in mechanical parts
- Ultra Slim & Ultra Light (compact)
 - Less than 50mm in thickness & 5kg in weight
 - Back cover less than 25mm

Intelligent

- HDD Tray & CF Cover
- Cable-less
- Easily Removable Back Cover
- Brightness Control by API & BIOS
- RS-232/422/485 Selectable by BIOS
- Wide DC Input Range 12~24V
- Auto loss Power On



Flexible

- I/O Board Docking Design (Golden Finger Connector)

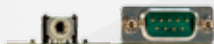


EUDA2 - S1220



2 x RS-232 / 422 / 485

Default



1 x Line-out
1 x RS-232 / 422 / 485



2 x USB
1 x Line-out

EUDA2-S1520 & EUDA2-S1821

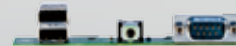


2 x USB
2 x RS-232 / 422 / 485

Default



1 x RS-232
2 x RS-232 / 422 / 485

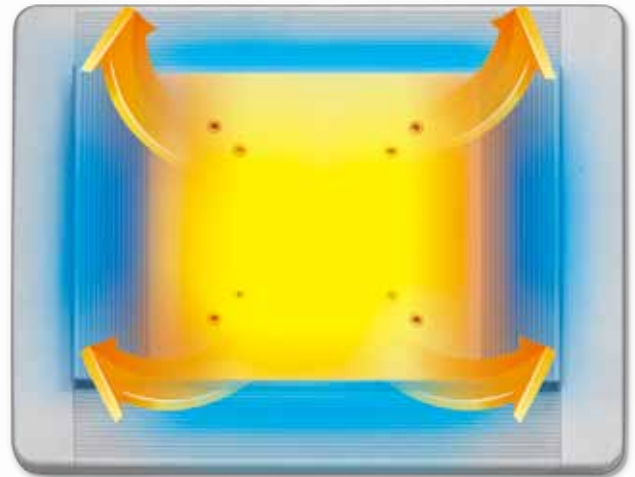


2 x USB
1 x Line-out
1 x RS-232 / 422 / 485

* The signals of Golden Finger interface:
(1)USB1.1/2.0 X2 (2)RS232X2 (3)RS232/422/2485X2 (4)Line out X1

Fan-free

- Optimal Placement Arrangement
 - Thermal simulation before HW is built
- Best Platform and Component Selection
 - Low power CPU (Cedar Trail)
 - Suitable electrical components that generate less heat
 - Aluminum tooling (front and back cover)
 - Suitable heat sink and thermal pad (dissipates heat quickly)
 - Longevity Support (CPU, No fan & Industrial Panel)



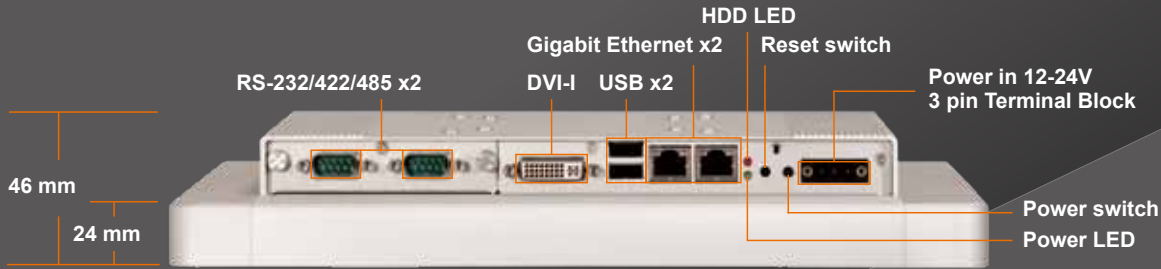
Integrated

- EtherCAT Support(Intel® 82574L Gigabit)
- Embedded OS and BIOS service(customizable)
- API

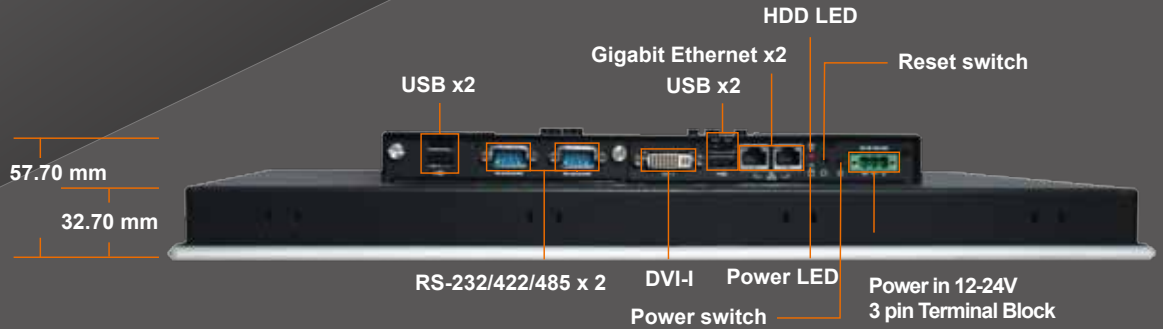


*Automation network-control can recognize EUDA2 automatically (The LAN chip Intel® 82574L is in the EtherCAT solution approval list. The default driver is embedded in the OS and no more extra software efforts are needed).

Outline Dimension

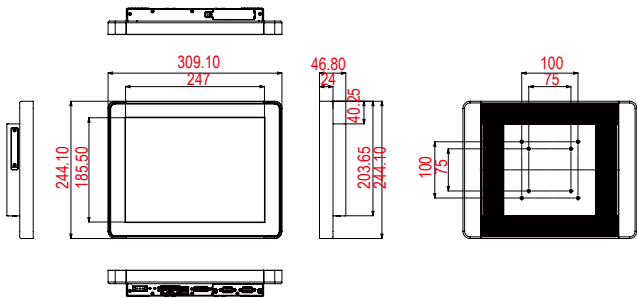


* The picture of EUDA2-S1220

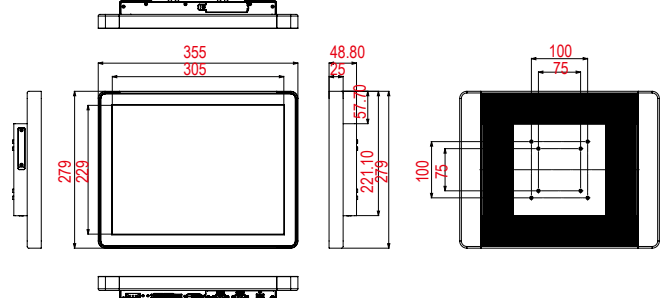


* The picture of EUDA2-S1821

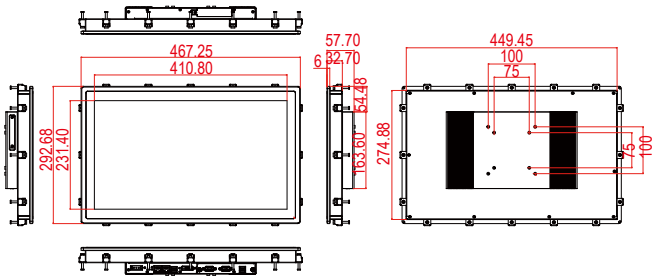
EUDA2-S1220



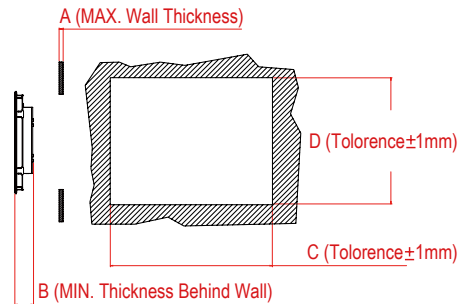
EUDA2-S1520



EUDA2-S1821



Cut Out Dimension



Accessory

| | |
|---|-----------|
| Panel Mount Kits(Only for EUDA2-S1821) | 16 pieces |
| HDD and HDD Tray(M3X4L) Screws | 4 pieces |
| CD (Drivers and user's manual) | 1 piece |
| 3-Pin terminal block connector (Female) | 1 piece |

Optional (ATO)

| | |
|-------------|---|
| Storage | 2.5" SATA HDD &SSD,CF Card |
| Memory | DDR3 SO-DIMM SDRAM 1066-1333 MHZ, 30mi gold (1,2,4GB) |
| Adaptor Set | 12V, 5A /60W Adaptor+3 pin terminal block cable |
| OS | Windows 7(32 bit) /WES 7(32 bit) (Label & OS installation) |

| | A (mm) | B (mm) | C (mm) | D (mm) | Mounting Kits (pcs) |
|-------------|--------|--------|--------|--------|---------------------|
| EUDA2-S1821 | <9 | 53.70 | 452 | 277 | x16 |

EUDA2 Series

| Model Name | EUDA2-S1220 | EUDA2-S1520 | EUDA2-S1821 |
|----------------------|--|-----------------------------------|----------------------------|
| Display | | | |
| LCD Size | 12"(4:3) | 15"(4:3) | 18.5" (16:9) |
| Resolution | 800x600 | 1024x768 | 1366x768 |
| Brightness | 450 cd/m2 | 400 cd/m2 | 300 cd/m2 |
| Contrast Ratio | 700: 1 | 700:01 | 1000:1 |
| Backlight | LED type | LED type | LED type |
| Touch Screen | Projected Capacitive Multi-Touch; 5-Wire Resistive Single Touch (Customizable) | | |
| System | | | |
| CPU | Intel® Atom™ Dual-Core D2550 1.86 GHz | | |
| Chipset | Intel® NM10 | | |
| Memory | DDR3 SO-DIMM SDRM 1066-1333 MHZ max up to 4GB. | | |
| BIOS | AMI BIOS | | |
| Graphics | Intel® GMA 3650 Graphics | | |
| LVDS | Dual Channel 24-bit | | |
| LAN Chipset | Dual Intel® 82574L Gigabit Ethernet | | |
| Audio | Realtek® High Definition Audio | | |
| Watchdog Timer | 1~255 levels reset | | |
| Storage Device | 2.5" SATA HDD/2.5" SATA SSD/ Compact Flash II up to 32GB | | |
| OS | Windows 7(32 bit) /WES 7(32 bit) supported | | |
| I/O Interface | | | |
| On Board | 2 x Gigabit, 2 x USB, 1 x DVI-I (Default) | | |
| Expansion (default) | 2xRS-232/422/485 | 2xRS-232/422/485,2xUSB (Default) | |
| Expansion (option 1) | 1xRS-232/422/485,1xLine-out | 2xRS-232/422/485,1xRS-232 | |
| Expansion (option 2) | 2xUSB,1xLine-out | 1xLine-out,1xRS-232/422/485,2xUSB | |
| Support Protocol | EtherCAT Support | | |
| Mechanical | | | |
| Mounting | VESA Mount 75 x 75, 100 x 100 | | Panel & VESA Mount |
| Weight (Kg)(N) | 3.8 Kg | 4.0 Kg | 6.8 Kg |
| Weight (Kg)(G) | 5.8 Kg | 7.0 Kg | 9.7Kg |
| Power | | | |
| Power Supply | DC 12 ~ 24V input (w/3 pin DC input terminal bock) | | |
| Consumption (Max) | 35W(12V);36WW(24V) | 39.2W(12V);40.0WW(24V) | 45.1W(12V);44.6WW(24V) |
| Consumption (Min) | 7.1W(12V);7.9W(24V) | 7.3W(12V);7.9W(24V) | 8.4W(12V);7.7W(24V) |
| Environmental | | | |
| OP /Storage | 0 ~ 50°C (Operation); -20~60°C (Storage); (20~90%, non-condensing) | | |
| Vibration | 1.0G (CF) and 0.5G (HDD) , Power on & 2.16G, Packaged, 5~500Hz | | |
| Shock | 15G peak acceleration, 11 ms (Power on condition) | | |
| Drop | Packaged with Carton from 96.5cm (1-Corner, 3-Axis, 6-Face) | | |
| IP Protection | IP54 (Front) / IP20 (Rear) (IEC 60529 Edition 2.1 Standard) | | IP65 (Front) / IP20 (Rear) |
| Certificate | CE/FCC Class A | | |



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