

EUDA2 Touch Panel PC Series

Stylish and Fan-less Multi-touch Panel PC with Low Power Intel® Atom™ Platform

Industrial Panel PC can be strong and robust but look modern and fashion at the same time. EUDA2 Series adopts proactive capacitive multi-touch screen combined with aesthetic design, which draws everyone's attention at the first sight.

Product Introduction

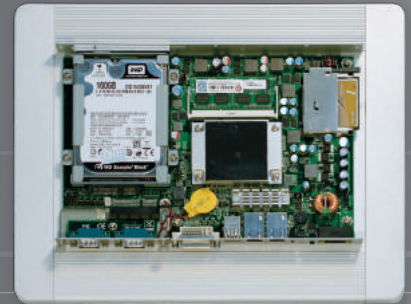
Powered by Intel® Atom™ low power platform, EUDA2 Panel PC provides powerful computing abilities but remains power efficient properties. Taking advantage of advanced technology, this aluminum enclosed system not only forms a sturdy and seamless chassis with an IP54 certification but also offers professional-grade reliability in critical environments.

The slim and compact design equipped with proactive capacitive multi-touch screen features easy operation as well as aesthetic look, making the system the first choice of HMI/MMI built in limited space. To sum up, the stylish and user friendly EUDA2 Panel PC is the best solution ever for control systems in interactive digital signage, gaming and lottery terminals, industry automation, kiosk, and infotainment in public building, hotel or hospital.



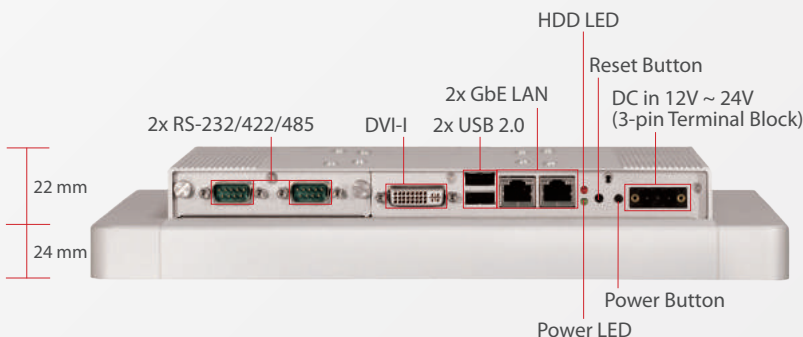
Cable-less Motherboard for Better Panel PC Solution

By utilizing an all-in-one board with I/O connectors onboard, cables are needless for both EUDA2 and FUDA Panel PC. The advantages of cable-less design are easy installation and maintenance: users can replace memory or expansion modules on their demand by just removing IPC back cover and thickness can be significantly reduced. Moreover, better vibration and thermal solution are for sure because loosening cables during vibration wouldn't be a problem and effective thermal dissipation can be provided thanks to unhindered air flow.



Flexible I/O Combination

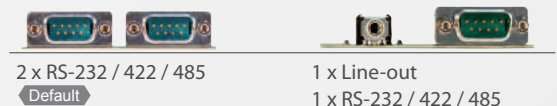
In addition to default I/O interfaces, including 1x DVI, 2x RS-232/422/485, 2x USB and 2x Gigabit Ethernet, to further enhance system flexibility as well as to increase the versatility in application fields, EUDA2 Panel PC allows users to select different I/O combinations for various market demands.



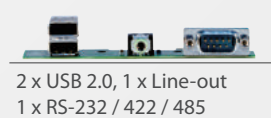
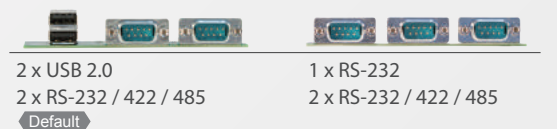
* The picture of EUDA2-S1220

I/O Options

EUDA2 - S1220

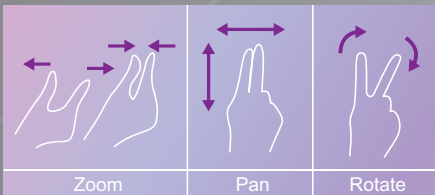


EUDA2-S1520 & EUDA2-S1821



■ Slim and Stylish Design

Instead of bulky appearance in traditional panel system, EUDA2 Panel PC features compact and stylish design: the "tablet-like" look, true-flat surface and refined edge without any acute angle of EUDA2 Panel PC makes it attractive to users at the first sight. Also, by leveraging Intel® Atom™ low power technology, EUDA2 Panel PC is slim and compact reaching 50mm thickness in panel solution, making it more adoptable in all applications.



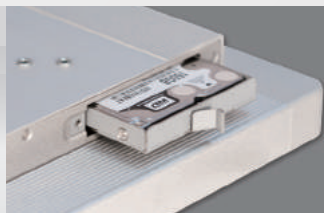
■ Projective Capacitive Multi-touch Screen

Projective capacitive multi-touch screen offers fast and sensitive response as well as pristine optical clarity combined with a sleek design. By adopting anti-scratch surface with 7H hardness protection, high touch durability and long-term stability are built-in features of EUDA2 Panel PC. Multi-touch supports a full set of gestures such as zooming in/out, panning, or rotating, giving users a whole new way to control and interact with what's on the screen even with latex gloves. The sensitive touch screen also enriches user's experience in operation industrial Panel PC.

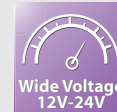
Ordering Guide

| | |
|----------|--|
| AL6-3126 | (R).EUDA2-S1220-0000-01. 12.1" Atom™ D2550 Panel PC with Projective Capacitive Touch and Silver Chassis Assembly |
| AL6-3128 | (R).EUDA2-S1520-0000-01. 15" Atom™ D2550 Panel PC with Projective Capacitive Touch and Silver Chassis Assembly |
| AL6-3145 | (R).EUDA2-S1821-0000-02. 18.5" Atom™ D2550 Panel PC with Projective Capacitive Touch and Silver Chassis Assembly (Wide-Screen) |

Removable HDD tray and CF cover for easy installation and maintenance.



Product Features

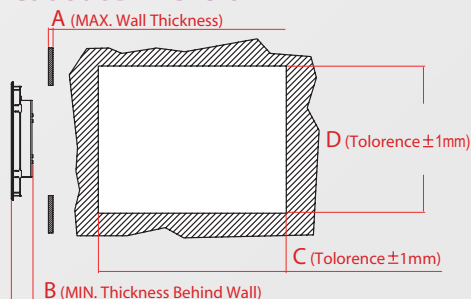


Quick Selection Guide

EUDA2 12.1" / 15" / 18.5"

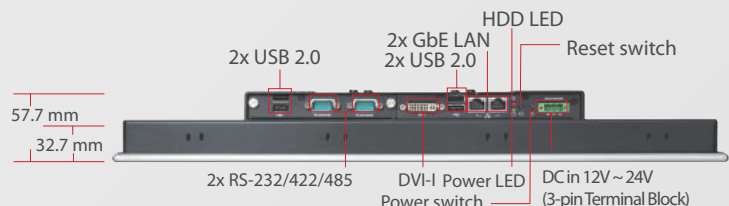
| Model Name | EUDA2-S1220 | EUDA2-S1520 | EUDA2-S1821 |
|----------------------|---|---|----------------------------|
| Display | | | |
| LCD Size | 12.1" | 15" | 18.5"(16:9) |
| Resolution | SVGA 800 x 600 | XGA 1024 x 768 | 1366X768 |
| Brightness | 450 cd/m ² | 450 cd/m ² | 300 cd/m ² |
| Contrast Ratio | 700:1 | 700:1 | 1000:1 |
| Backlight | LED type | LED type | LED type |
| Touch Screen | Projected Capacitive Multi-Touch (5-Wire Resistive Single Touch by Project) | | |
| System | | | |
| CPU+Chipset | Intel® Atom™ Dual-core D2550 (1.86 GHz) + Intel® NM10 | | |
| Memory | DDR3 1066/1333 SO-DIMM up to 4GB | | |
| BIOS | AMI | | |
| Graphics | Intel® GMA 3650 Graphics | | |
| LVDS | Single/Dual Channel 18/24-bit | | |
| LAN Chipset | Dual Intel® 82574L Gigabit Ethernet | | |
| Audio | Realtek® High Definition Audio Codec | | |
| Watchdog Timer | Programmable 1 ~ 255 sec | | |
| Storage Device | 1 x 2.5" SATA HDD/ SSD, 1 x Compact Flash II up to 64GB | | |
| OS | Windows XP/ Windows 7(32 bit) /Linux™ | | |
| I/O Interface | | | |
| Series Port | 2 x RS-232/422/485 (Expansion: default) | | |
| Display | 1 x DVI-I | | |
| USB | 2 x USB 2.0 | 2 x USB 2.0 ; 2 x USB 2.0 (Expansion:default) | |
| Ethernet | 2 x Gigabit Ethernet | | |
| Others | N/A | | |
| Expansion | 1 x Line out, 1x RS-232/422/485 (Option 1) 2 x USB 2.0, 1x Line out (Option 2) | 2 x RS-232/422/485, 1 x RS-232 (Option 1) 1 x Line-out, 1 x RS-232/422/485, 2 x USB 2.0 (Option 2) | |
| Mechanical | | | |
| Dimension(mm)(WxDxH) | 309 x 244 x 46.8 mm | 355 x 279 x 48.8 mm | 467 x 293 x 57.7 mm |
| Mounting | VESA Mount 75 x 75, 100 x 100 | | VESA Mount; Panel Mount |
| Weight (Kg)(N) | 3.8 Kg | 4 Kg | 6.8 Kg |
| Weight (Kg)(G) | 5.8 Kg | 7 Kg | 9.7 Kg |
| Power | | | |
| Power Supply | DC 12V ~ 24V input with 3-pin terminal block connector | | |
| Consumption (Max) | 35W(12V);36W(24V) | 39.2W(12V);40.0W(24V) | 45.1W(12V);44.6W(24V) |
| Consumption (Min) | 7.1W(12V);7.9W(24V) | 7.3W(12V);7.9W(24V) | 8.4W(12V);7.7W(24V) |
| Environmental | | | |
| OP /Storage Temp | 0°C ~ 50°C; -20°C ~ 60°C (20 ~ 90%, non-condensing) | | |
| Vibration | 1.0G(CF/SSD) and 0.5G(HDD) , Power on & 2.16G, Packaged; 5~500Hz, IEC 60068-2-6 | | |
| Shock | 15G peak acceleration, 11 ms (Power on condition), IEC 60068-2-27 | | |
| Drop | Packaged with Carton 96.5cm (1-Corner, 3-Axis, 6-Face), ISTA 2A Standard | | |
| IP Protection | IP54 (Front) / IP20 (Rear), IEC 60529 Edition 2.1 Standard | | IP65 (Front) / IP20 (Rear) |
| Certificate | CE/FCC Class A | | |

Cut out Dimension



EUDA2

| | A (mm) | B (mm) | C (mm) | D (mm) | Mounting Kits (pcs) |
|-------------|--------|--------|--------|--------|---------------------|
| EUDA2-S1821 | <9 | 51.7 | 452 | 277 | x16 |



* The picture of EUDA2-S1821