

# EUDA2 Touch Panel PC Series

Stylish and Fan-free 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 P-CAP multi-touch screen combined with aesthetic design, which draws everyone's attention at the first sight.

## Product Introduction

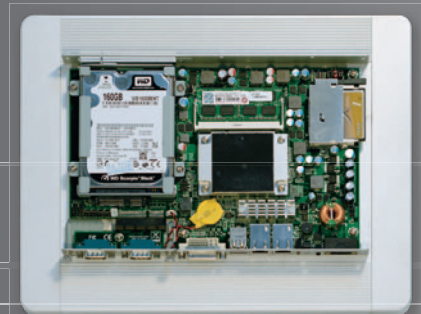
Powered by Intel® Atom™ low power platform, EUDA2 Panel PC provides powerful computing abilities but remains power efficient properties. Taking advantage of advanced technology, this aluminum enclosed system not only forms a sturdy and seamless chassis with an IP54 certification but also offers professional-grade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

The slim and compact design equipped with P-CAP 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.



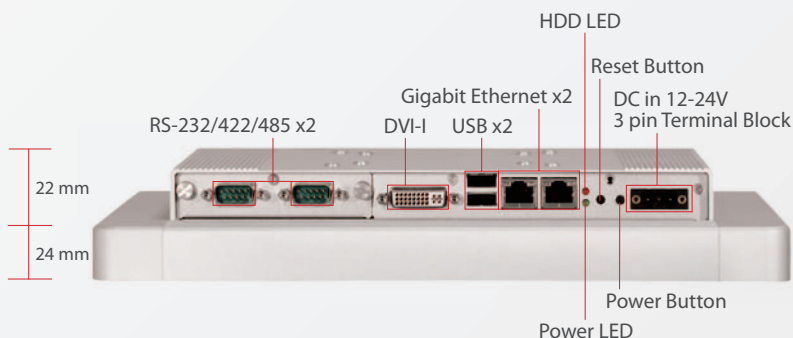
## Cable-less Motherboard for Better Panel PC Solution

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, 4x 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.

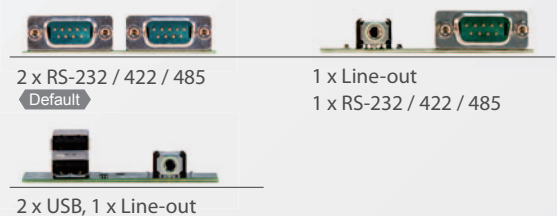


\* The picture of EUDA2-S1220

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## I/O Options

### EUDA2 - S1220

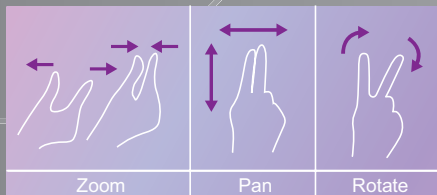


### EUDA2-S1520 & EUDA2-S1821



## ■ 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

P-CAP 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.



Removable HDD Tray and CF Cover for easy installation and maintenance.



## 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)

## Product Features

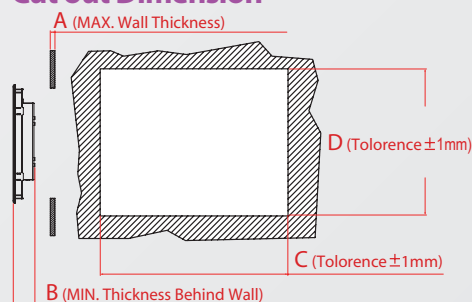


# EUDA2 Quick Selection Guide

EUDA2 12.1"/15"/18.5"

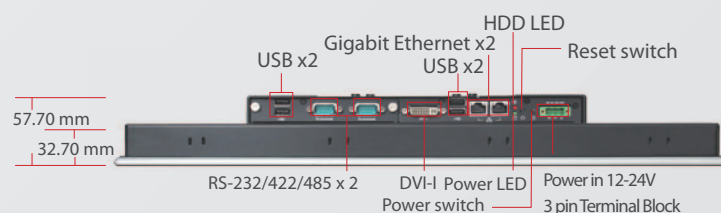
Model Name	EUDA2-S1220	EUDA2-S1520	EUDA2-S1821
Display			
LCD Size	12.1"(4:3)	15"(4:3)	18.5"(16:9)
Resolution	800x600	1024x768	1366X768
Brightness	450 cd/m2	400 cd/m2	300 cd/m2
Contrast Ratio	700: 1	700:01	1000:1
Backlight	LED type	LED type	LED type
Touch Screen	Projected Capacitive Multi-Touch (5-Wire Resistive Single Touch by Project)		
System			
CPU+Chipset	Intel® Atom™ Dual-Core D2550 1.86 GHz + Intel® NM10		
Memory	DDR3 SO-DIMM 1066-1333 MHz max 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		
Watchdog Timer	1~255 levels reset		
Storage Device	2.5" SATA HDD/2.5" SATA SSD/ 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	1x DVI-I		
USB	2 x USB 2.0	2 x USB 2.0, 2x 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, 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 (Option 2)	
Mechanical			
Dimesion(mm)(WxDxH)	309.1x244.1x46.8	355x279x48.8	467.25x292.68x57.7
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	9.7 Kg
Power			
Power Supply	DC 12 ~ 24V input (w/3 pin DC input terminal block)		
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	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 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		

## Cut out Dimension



## EUDA2

	A (mm)	B (mm)	C (mm)	D (mm)	Mounting Kits (pcs)
EUDA2-S1821	<9	53.7	452	277	x16



\* The picture of EUDA2-S1821