

ASLAN series

Robust multi-touch panel mount PCs for installation in industrial control cabinets

BRESSNER
A ONE STOP SYSTEMS COMPANY

Features

- 11.6" ~ 21.5" Panel Mount Panel PCs
- Powerful Intel® Celeron® J1900/N2930 processors
- IP65-protected front for dust and splash water protection
- Panel mount design for seamless integration into control systems
- Robust aluminum housing for long-lasting use



ASLAN series – Multitouch industrial panel PC systems from 11.6" to 21.5"

The ASLAN series offers high-quality industrial panel PCs with multi-touch function, which have been specially developed for use in industrial environments, machine control and multimedia applications. Thanks to the Intel® Celeron® processors J1900 or N2930 and up to 8 GB DDR3L memory, these systems deliver high computing power and smooth operation.

Robust design and versatile application options

The ASLAN Panel PCs are equipped with an IP65-protected front that provides reliable protection against dust and water jets. The PCAP multi-touch technology enables intuitive and precise control, even when wearing gloves or in demanding production environments. With a resolution of up to 1920 x 1080 pixels, the displays offer outstanding image quality for modern HMI solutions.

Easy integration into industrial control systems

Thanks to their panel mount design, the ASLAN Panel PCs can be seamlessly integrated into control cabinets or machine control systems. They are ideal for OEMs, machine builders and industrial control systems that require reliable and powerful operating units. All devices are supplied fully pre-configured and with a pre-installed operating system to enable fast commissioning.

Reliability and efficiency for industrial applications

With a robust design, powerful hardware and versatile connectivity options, the ASLAN series is the optimal solution for demanding industrial applications. Thanks to the fanless design, the systems are energy-efficient and low-maintenance, which reduces operating costs and ensures high availability.

With the ASLAN series, BRESSNER Technology offers powerful and reliable industrial panel PCs that are ideal for machine control, HMI applications and industrial automation.

Appearance



ASLAN series

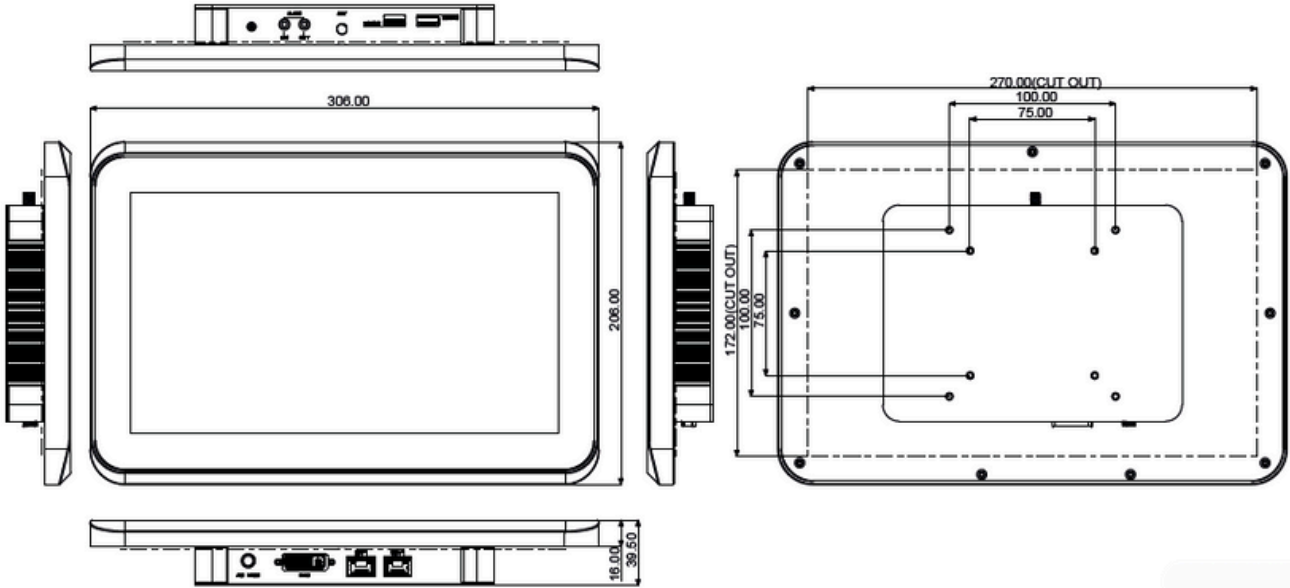
Robust multi-touch panel mount PCs for installation in industrial control cabinets

	11.6"	15.6"	18.5"	21.5"
SYSTEM				
CPU	Intel® Celeron® N2930 Quad-Core, up to 1.83GHz		Intel® Celeron® J1900 Quad-Core, up to 2.0GHz	
RAM	1x 2GB DDR3L 1600MHz SO-DIMM, up to 8GB		1x 4GB DDR3L 1066/1333MHz SO-DIMM, up to 8GB	
Storage	1x mSATA for SATA interface SSD Supports 300MB/s HDD transfer rate		2x outside-accessible 2.5" drive bay (default) or CFast slot (optional for OEM version)	
Expansions	1x Full-Size mPCIe (PCIe x1 + USB2.0) 1x Half-Size mPCIe (only PCIe x1 Lane)		1x Full-Size slot for mini cards	
Watchdog Timer	1~255 levels reset			
Operating System	Windows 7, Windows 8.1, Windows 10 (recommendation: 4 GB memory and more), Linux (Ubuntu)			
DISPLAY				
Display Size	11.6" (29.46cm) TFT LCD	15.6" (39.6cm) TFT LCD	8.5" (47cm) TFT LCD	21.5" (54.6cm) TFT LCD
Resolution	1920 x 1080 (Full HD)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1920 x 1080 (Full HD)
Touchscreen	PCAP Touch	PCAP Touch	PCAP Touch	PCAP Touch
Brightness	300 nits	350 nits	300 nits	250 nits
Aspect Ratio	16:9	16:9	16:9	16:9
Max. Colors	16.7M	16.2M	16.2M	16.2M
Viewing Angle	85°/85°/85°/85°	80°/80°/85°/85°	80°/80°/85°/85°	80°/80°/85°/85°
INTERFACE				
Ethernet	2x RJ-45 GbE: 2x Intel® I210AT GbE Controller		3x RJ-45 GbE: 2x Intel® I210AT GbE Controller 1x Realtek® 8111E GbE Controller	
USB	1x USB 3.0 Type A 1x USB 2.0 Type A		1x USB 3.0/2.0 Type A 3x USB 2.0 Type A	
COM	- 2x RS232 2x RS-232/485 with Auto Flow Control			
Video	1 x DVI-I			
Audio	1x Mic-In & Line-Out		2x 2W speaker (optional)	
Other	1x SMA antenna holes for optional WiFi function		2x SMA antenna holes for optional WiFi function	
ENVIRONMENTAL				
Chassis	Panel-mount housing with aluminum front frame and SECC steel housing			
Cooling	Fanless			
Power Adapter	DC 12V input with DC jack max. 14.5W (w/o I/O cards)	DC 12V ~ 36V max. 27.7W (w/o I/O cards)	DC 12V ~ 36V max. 25.2W (w/o I/O cards)	DC 9V ~ 36V max. 29.8W (w/o I/O cards)
Operating Temperature	-10°C ~ 55°C		-20°C ~ 55°C	
Storage Temperature	-30°C ~ 70°C			
Humidity	10% ~ 95% @ 60°C non-condensing		10% ~ 95% @ 55°C non-condensing	
Vibration / Shock Resistance	Vibration: 5 ~ 500Hz, 0.5Grms Random (with CFast/SSD) Shock: Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD)			
Dimensions (W x H x D)	306 x 206 x 39.5mm	404 x 255 x 49.2 mm	470 x 295 x 49.2mm	536 x 332 x 48.4mm
Weight	2.1kg	4.6kg	5.7kg	7kg
Mounting	VESA (75 x 75 / 100 x 100)	Panel mounting or VESA (75 x 75)		
IP Rating	Front IP65			
Certifications	CE, FCC Class A		UL, CE, FCC Class A	

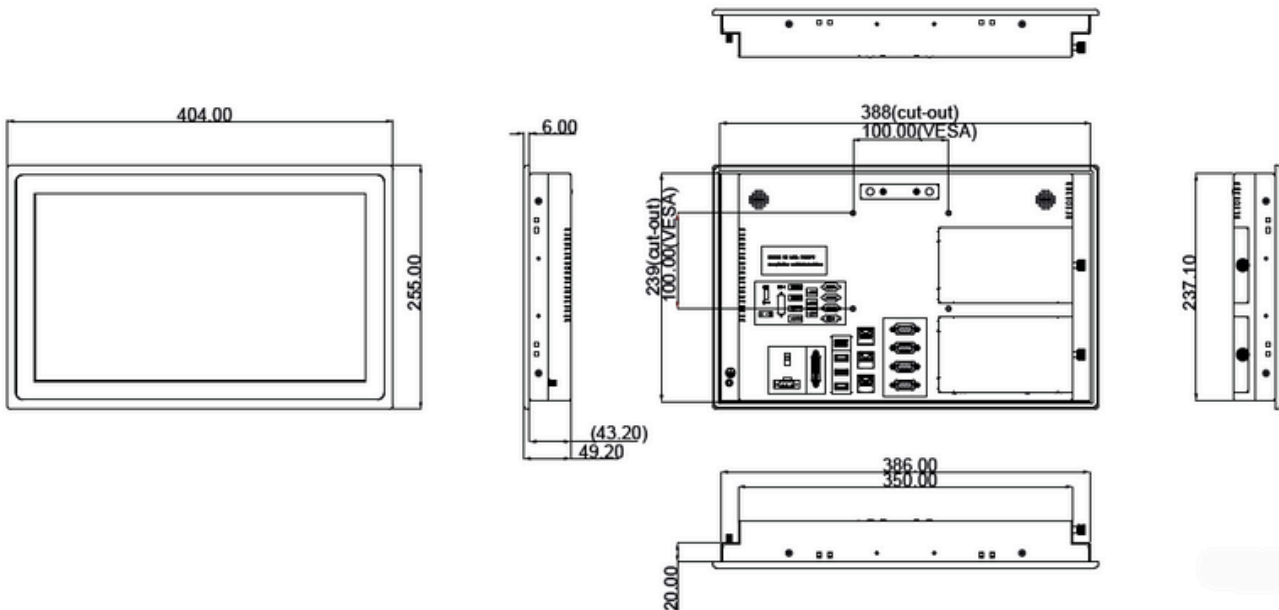
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Technical drawing (mm) - 11.6"



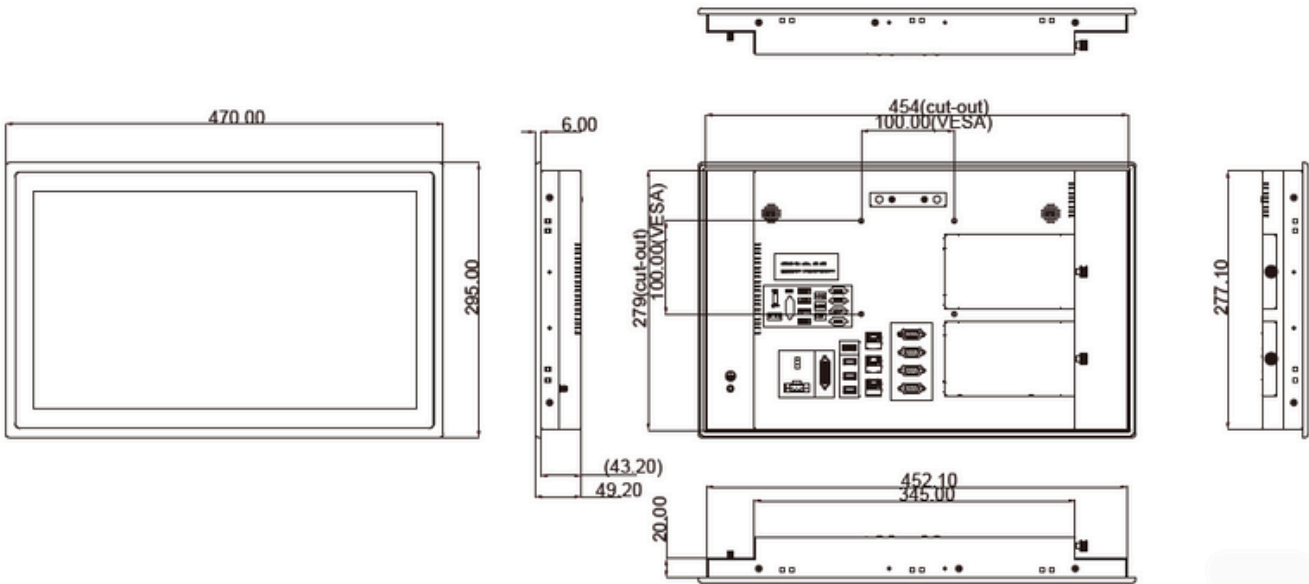
Technical drawing (mm) - 15.6"



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Technical drawing (mm) - 18.5"



Technical drawing (mm) - 21.5"

