



Defense Display Solution >>

Standard Product For 10.1"~24"



LPC P-cap Series



Defense Monitor Series



EMI Mesh LCD Kits



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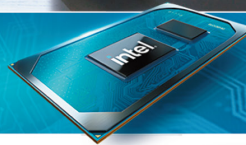
-40 °C Cold Start



70 °C Panel PC



**11th Gen
Tiger Lake**



About Us

Elgens was founded in 2010, and we have been developing outdoor and rugged display solutions since 2016. Globally, we have been working with 77 clients in 28 countries of America, EMEA, Japan and Australia. Our products, the rugged Panel PC and touch monitor are designed for the defense, bridge room, intelligent factory, automation storage, smart vending machine, transportation supportive device, shipyard cockpit and submarine monitor.

We are also re-selling industrial products such as

Military Power Brick: PowerGood;GAIA;

Military Connector: MIL-C-5015 / MIL-DTL-26482

Our headquarter is in Taiwan and the maintenance centers located in France, Germany, India, and North America.

Product

10.1~24" Panel PC with wide operating temperature for MIL-STD-461G / MIL-STD-810H / MIL-STD-1275D / MIL-STD-901D Lite Level / Railway EN50155 / Outdoor Applications

Defense



Marine



Food & Beverage

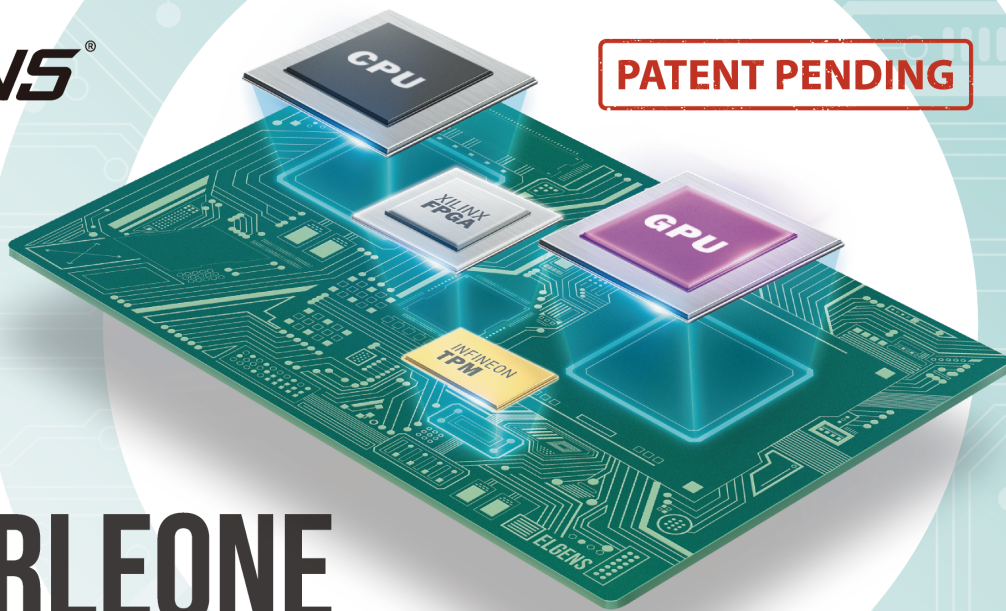


Railway





PATENT PENDING



EL-CORLEONE SYSTEM

EL-CORLEONE Stands Out in The Military Computer System Market Through Our Unparalleled Core Advantages :

Military-Grade Reliability

Our systems undergo rigorous military standard testing to ensure stable operation even in the most extreme environments. Each component is strictly screened, and every process is meticulously executed, creating product quality as robust as a lion king.

Impenetrable Security Protection

Like a pride of lions protecting their territory, EL-Corleone's security protection system is fortress-like. We employ the most advanced encryption technology and establish multiple layers of protection to ensure critical data remains absolutely secure. In the digital jungle, our system serves as the most solid fortress.

Precise and Decisive Performance

The speed and accuracy of a lion king hunting is exactly what our system embodies. Every EL-Corleone system is optimized to pursue excellence in processing speed and computational performance. Facing complex military tasks, we provide the most precise and rapid solutions.



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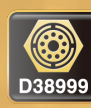
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Defense Monitor and Panel PC Series

Key Features

- ▶ MIL-STD-461G Certificated by CE101/102 & RE101/102
- ▶ MIL-STD-1275E Certificated
- ▶ Flush Mounting Front Bezel Design
- ▶ Optional Rack Mounting Bezel
- ▶ -40~70°C Operating Temperature
- ▶ High Brightness 1500 nits
- ▶ Anti-Glare Coating
- ▶ Circular D38999 Connector
- ▶ Accessory with Cables & Power Adapter
- ▶ Optional to Panel PC by Intel TigerLake-UP3 Core i3/i5
- ▶ DC9~36V Power Input
- ▶ Optional EMI Mesh Design



Featuring a high brightness of 1500 nits, the 24" defense monitor and Panel PC ensure excellent visibility even in challenging lighting conditions. It comes with a rackmount design and is certified to meet the MIL-STD-461G standards, ensuring robust performance in military environments. The front side is rated IP65 for water and dust resistance, while the anti-glare (AG) coating enhances usability in bright settings. Additionally, the monitor includes panel mounting kits for versatile installation options and operates with DC9~36V power input, making it suitable for specialized applications.



24" Rack Mount Defense Monitor



24" Flush Mount Defense Monitor



24" Rack Mount Defense PPC



24" Flush Mount Defense PPC



MIL-STD-461G Power Adapter



D38999 HDMI Cable

10.1"~24" LCD Kits, Touch Monitor and Panel PC

ELGENS provides a variety of Panel PC from 10.1"~24" with IP65 front bezel, wide range power input from DC9~36V, and wide operating temperature from -20 to 60°C and -40 to 70°C

Main Feature

- Bezel-free Design
- IP65 Front Bezel
- Desktop CPU 35W Fanless PPC
- Rugged Panel Mount Kits
- Panel Mount Design
- 14th / 13th /12th Optimization
- IEC-60945 certificated PPC and Monitor
- Luminance Control between 100~1000 levels.
- Removable SSD Tray
- Optional PCIe Expansion Slot

Size	Screen Ratio	Resolution	Model	1000nits Solution
10.1"	16:10	1280*800	LPC-P101W-xx / TDM-P101W	LPC-P101WH-xx / TDM-P101WH
10.1"	16:10	1920*1200	LPC-P101W2-xx / TDM-P101W2	LPC-P101WH2-xx / TDM-P101WH2
10.4"	4:3	1024*768	LPC-P104S-xx / TDM-P104S	LPC-P104SH-xx / TDM-P104SH
12.1"	4:3	1024*768	LPC-P121S-xx / TDM-P121S	LPC-P121SH-xx / TDM-P121SH
12.1"	16:10	1280*800	LPC-P121W-xx / TDM-P121W	LPC-P121WH-xx / TDM-P121WH
15"	4:3	1024*768	LPC-P150S-xx / TDM-P150S	LPC-P150SH-xx / TDM-P150SH
15.6"	16:9	1920*1080	LPC-P156W-xx / TDM-P156W	LPC-P156WH-xx / TDM-P156WH
17"	4:3	1280*1024	LPC-P170S-xx / TDM-P170S	LPC-P170SH-xx / TDM-P170SH
17.3"	16:9	1920*1080	LPC-P173W-xx / TDM-P173W	LPC-P173WH-xx / TDM-P173WH
18.5"	16:9	1920*1080	LPC-P185W-xx / TDM-P185W	LPC-P185WH-xx / TDM-P185WH
19"	4:3	1280*1024	LPC-P190S-xx / TDM-P190S	LPC-P190SH-xx / TDM-P190SH
21.5"	16:9	1920*1080	LPC-P215W-xx / TDM-P215W	LPC-P215WH-xx / TDM-P215WH
23.8"	16:9	1920*1080	LPC-P238W-xx / TDM-P238W	LPC-P238WH-xx / TDM-P238WH
24"	16:9	1920*1080	LPC-P240W-xx / TDM-P240W	LPC-P240WH-xx / TDM-P240WH

Vehicle Panel PC



Elgens announces the vehicle Panel PC featured with Intel® TigerLake-UP3 Core™ i3/i5/i7 Processors, 1000nits, IP65 Front Bezel, AG, CFast socket, Ignition control with Delay On/Off, DC 9~36V Power Input, and working temp by -40~70°C.



**IGNITION
CONTROL**

Welcome to Elgens

Our mission is to be an international forerunner that to design and manufacture a reliable and affordable display solutions for rush environments and specialist applications.

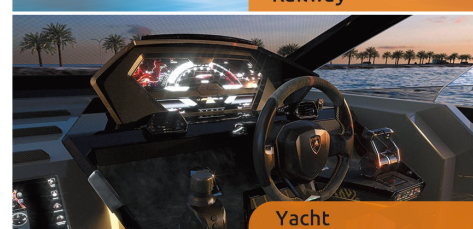
We achieve these goals through continuous innovation, pushing boundaries, and pioneering new methods to deliver the best results.

Our Core Competence

- ✚ Innovative Outlook Design
- ✚ Module Structure
- ✚ Specialist Applications Know-how
- ✚ Optical Know-how

The products and services we provide

- ✚ Military Grade Panel PC/Touch Monitor
- ✚ Rugged Panel PC/Touch Monitor
- ✚ Stretch Bar Type LCD/Monitor Solutions
- ✚ Cover Glass Optical Processing
- ✚ LCD High Brightness Customization
- ✚ LCD Touch Bonding Service



Maintenance Centers

OMTEC
embedded computers & more

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