dsl

DATASOUND
-LABORATORIES-
EMBEDDING THE FUTURE

Electronic Design

Panel PC / HMI
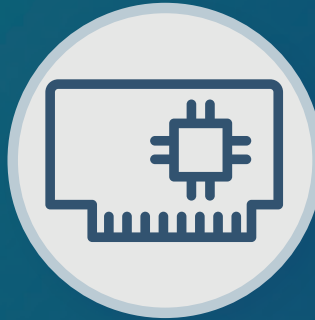
Single Board Computer

Industrial PC

Call us on +44(0)1462 675530

Email us at sales@dsl-ltd.co.uk

Why choose DSL?

- Over 25 Years Industry Experience
- 5 Years Warranty on all Products
- Evaluation Products Available
- Lifetime Technical Support

Our Services

- Electronic Design
- Production Management
- Assembly and Test
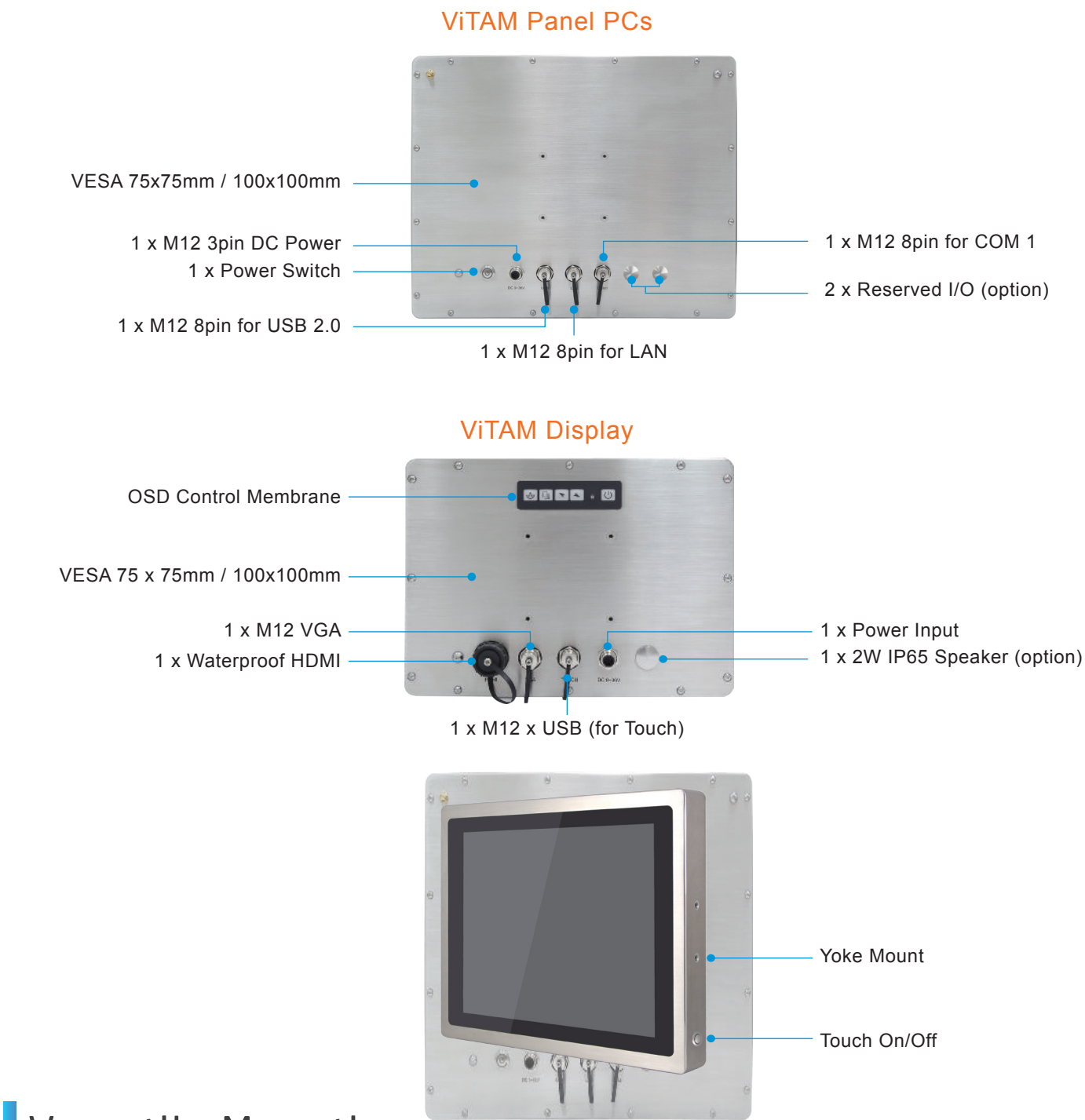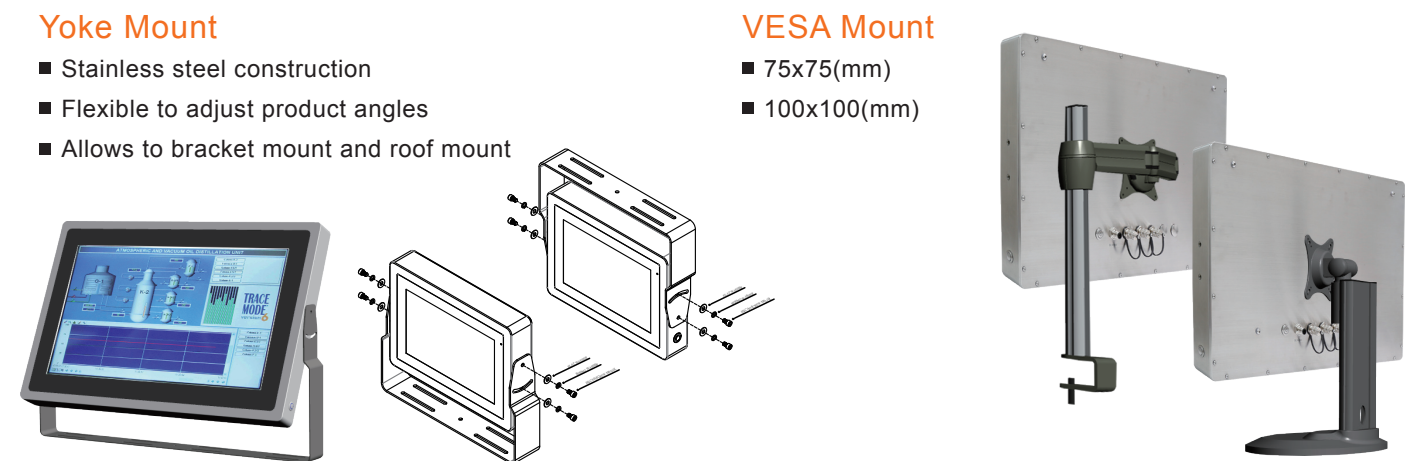- Bespoke BIOS Creation
- Industrial Embedded PC Solutions

5 YEAR WARRANTY
DATASOUND
-LABORATORIES-

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ViTAM I/O Interface

ViTAM Panel PCs

- VESA 75x75mm / 100x100mm
- 1 x M12 3pin DC Power
- 1 x Power Switch
- 1 x M12 8pin for USB 2.0
- 1 x M12 8pin for LAN
- 1 x M12 8pin for COM 1
- 2 x Reserved I/O (option)

ViTAM Display

- OSD Control Membrane
- VESA 75 x 75mm / 100x100mm
- 1 x M12 VGA
- 1 x Waterproof HDMI
- 1 x M12 x USB (for Touch)
- 1 x Power Input
- 1 x 2W IP65 Speaker (option)
- Yoke Mount
- Touch On/Off

Versatile Mounting

Yoke Mount
- Stainless steel construction
- Flexible to adjust product angles
- Allows to bracket mount and roof mount

VESA Mount
- 75x75(mm)
- 100x100(mm)

APLEX at A Glance

- Founded in 2004
- Headquarters: Taipei, Taiwan
- Worldwide offices: USA, Beijing, Shanghai and Shenzhen
- Manufacturing capability: System production center in Taiwan delivering system products. Board design and manufacturing in China

APLEX is committed to providing and developing superior and innovative technologies that enable our partners in every corner of the world to keep ahead of other competitors. By offering a full spectrum of quality products ranging from industrial panel PCs, HMI, industrial displays, embedded box PC to industrial boards, APLEX is proud to fulfill demands of our partners in a wide range of industrial applications fields, including factory automation, KIOSK, marine, railway, logistics and hazardous environment.

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ViTAM
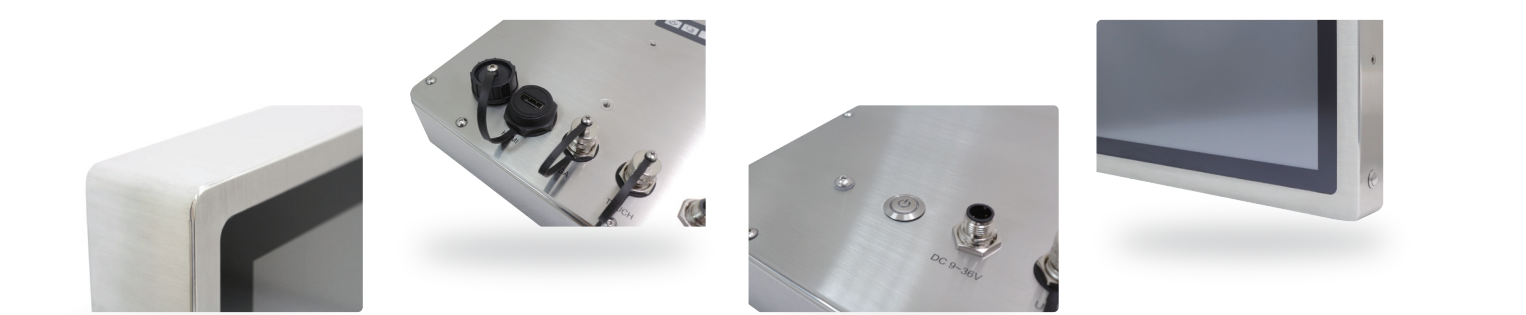
Stainless Steel Panel Solutions

ViTAM Series

The Best, Most Complete Stainless Steel Panel Solutions Ever

APLEX ViTAM series features a wide range of platforms from Intel Atom, 4th Gen. Core i, 6th Gen. Core i to ARM based, and comes in displays and Panel PCs, making it ideal for versatile applications.

ViTAM 9 Series
ViTAM 8 Series
ViTAM 1 Series
ViTAM 6 Series
ViTAM 9A Series
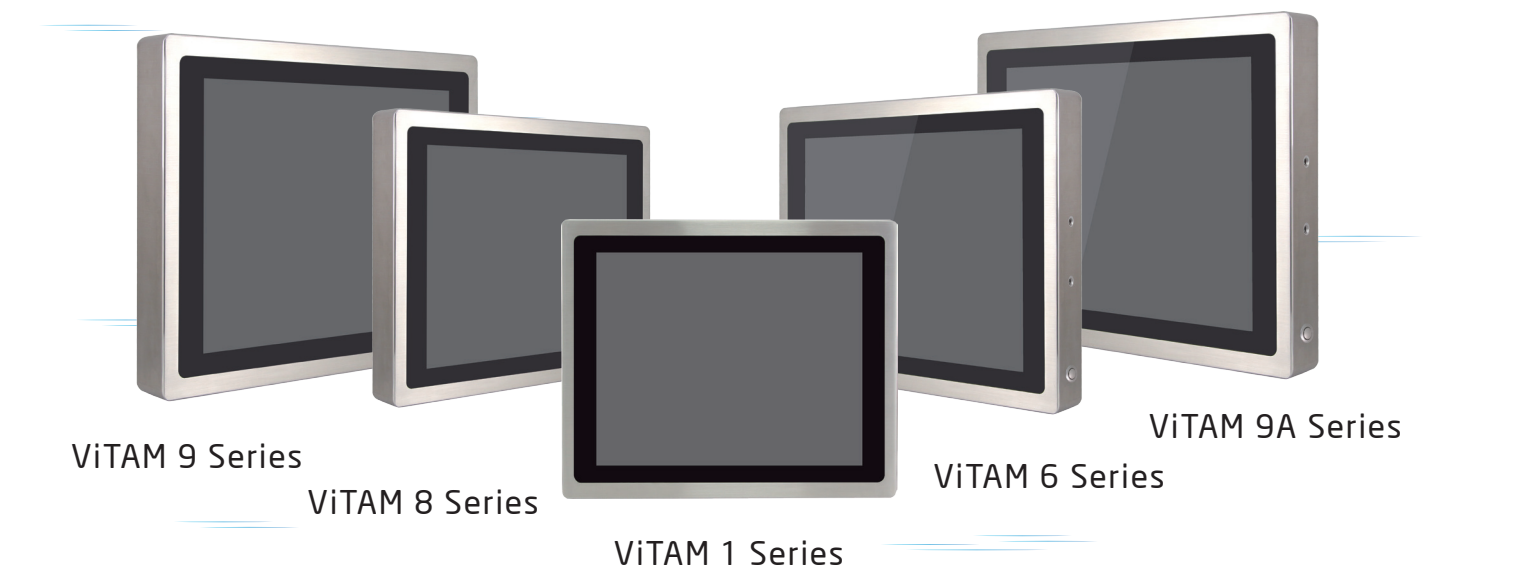
Product Highlight

Sunlight Readable Solutions

High Brightness: 1,000 nits

Normal | 1,000 nits High brightness

Anti-Reflection Coating

2%
Total Reflection

AR coating
Touch Screen
Optical Bonding
TFT LCD

Light Sensor
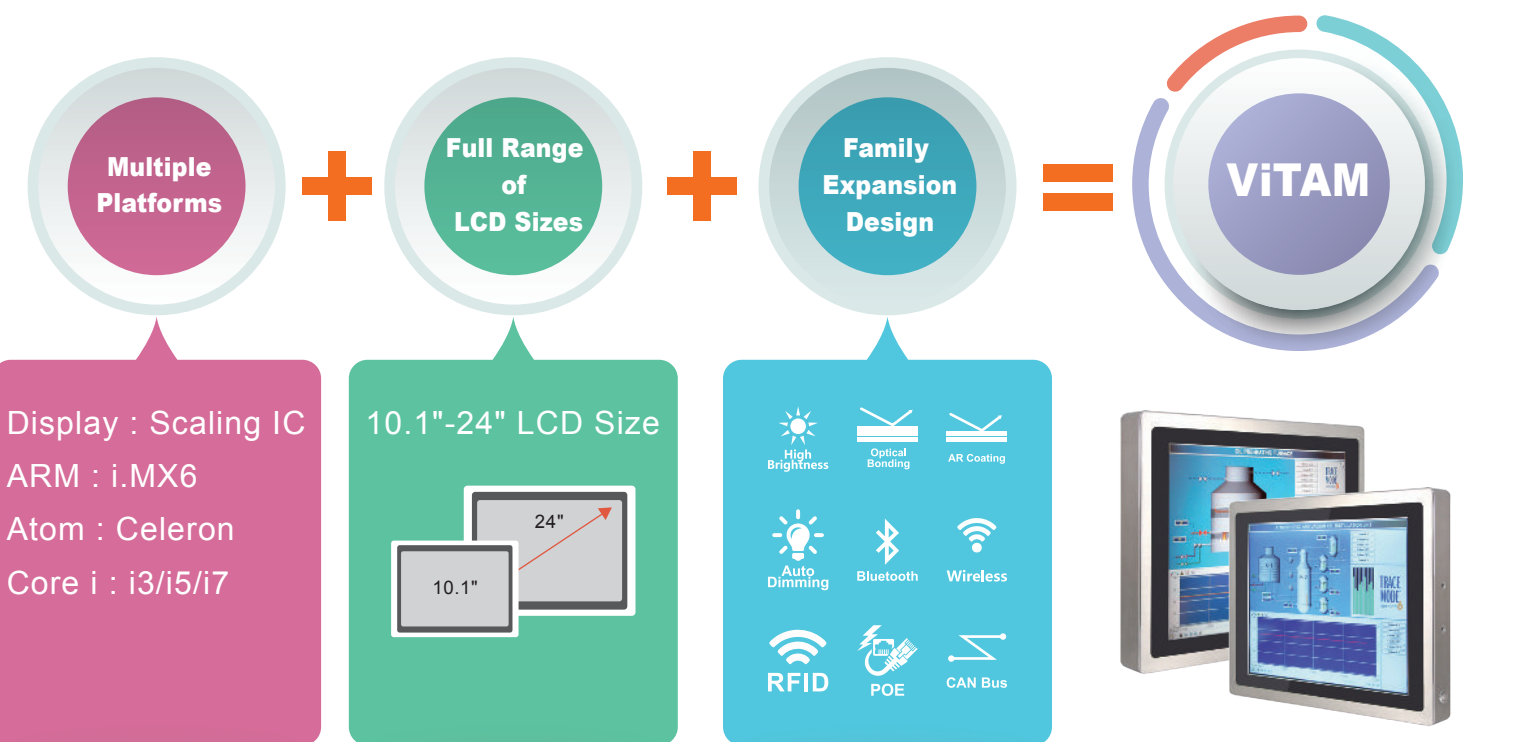
Dimming Functions
Four Ways to Adjust LCD Brightness

■ Auto Dimming through Light Sensor
■ OSD Keypad for Display
■ BIOS Setting
■ APP Utility

Concept

Multiple Platforms + **Full Range of LCD Sizes** + **Family Expansion Design** = **ViTAM**

Display : Scaling IC
ARM : i.MX6
Atom : Celeron
Core i : i3/i5/i7

10.1"-24" LCD Size
24"
10.1"

High Brightness | Optical Bonding | AR Coating
Auto Dimming | Bluetooth | Wireless
RFID | POE | CAN Bus

The ViTAM series is packed with the most popular expansion modules for industrial market and features a full range of panel sizes from 10.1" to 24". APLEX 's ViTAM series has solutions all you need in one place.

ViTAM Series Information (Standard)

Capacity	ViTAM 1 Seires	ViTAM 6 Seires	ViTAM 8 Seires	ViTAM 9 Seires	ViTAM 9A Seires
Category	Monitor	Web HMI i.MX6	Client (N2930/E3845)	Master (4th Gen. Core i3/i5)	Master (6th Gen. Core i)
Touch Screen	PCT / Resistive / Glass				
10.1" (-20°C~60°C)	●	●	●	NA	NA
12.1" (-20°C~60°C)	●	●	●	TBD	TBD
15" (-20°C~60°C)	●	●	●	●	●
15.6"	●	NA	●	●	●
17" (-20°C~60°C)	●	NA	●	●	●
19"	●	NA	●	●	●
21.5"	●	NA	●	●	●
24"	●	NA	●	●	●
Operating System	NA	Linux 3.2/4.4 Android 4.2.2/5.1 Windows Embedded Compact 7	Windows 7 Embedded Enterprise Windows Embedded Standard 7 Windows Embedded 8.1 Industry Pro Windows 10 IoT 2016		

Expansion Capability

PoE Module (25W)
■ Cost savings in network installation & energy management
■ Flexible and ideal for remote control management
■ No need for power cables

Data
Power
PoE Switch
Data & Power Through PoE

RFID Module
■ Read-write module enables data to be changed over time
■ Built in IP66 waterproof design
■ External Cableless

Wide Temp Option | 316 Stainless Steel | Auto Dimming | Glass | CAN Bus | Resistive Touch | PCT | POE

Motherboards
6th Gen. Intel Core i | 4th Gen. Intel Core i | Intel® Celeron | ARM®-based

AD board
Multi Input

CAN bus Module

TB-528CAN2
■ 2 x CAN
■ Support CANopen Protocol

TB-553CAN2 (TB-215)
■ 2 x CAN
■ Support CANopen Protocol

ViTAM Optional Selection Guide

Series Name / Capacitity	ViTAM 1 Series	ViTAM 6 Series	ViTAM 8 Series	ViTAM 9 Series	ViTAM 9A Series
PoE (10.1"-15.6" Only)	NA	●	●	NA	NA
RFID	NA	●	●	●	●
CAN	NA	●	●	●	●
Dimming	●	●	●	●	●
High Brightness (1,000 nits)	●	●	●	●	●
Optical Bonding	●	●	●	●	●
AR Coating	●	●	●	●	●
WiFi/BT	NA	●	●	●	●
SS316 Enclosure	●	●	●	●	●