



## SYSTEMS NEWSLETTER



### Handheld Computers

Glacier makes it easy to select the right mobile device for the job with innovative designs, quality products and added value. Glacier Computer offers a full line of rugged PDAs and Handheld Computers for mobile data collection applications.

The *M3 Series Handheld Computers* utilize a revolutionary board-level ruggedization technique, providing an ultra slim, ultra durable form factor for fatigue free all day use.

- The M330 is a multi-functional handheld computer running Windows CE.
- The M340 offers Windows Mobile and is rated IP65.
- The M350 is perfect for the medical and healthcare environments with Silver Nano™ casing to withstand repeated sterilizations.

The M3 Series offers outstanding value with a modular design that is highly configurable and includes standard features, which are considered expensive add-ons by other manufacturers.



Datasheets:

<http://www.glaciercomputer.com/pdf/m330.pdf>

<http://www.glaciercomputer.com/pdf/m340.pdf>

<http://www.glaciercomputer.com/pdf/m350.pdf>

Please call BP Sales for a quote and further information: 972-234-8438.

Planar now offers a Mil-Spec High Bright NVIS-Compliant Display.  
Please contact BP Sales for a demo: 972-234-8438.

## 2000+ nit 10.4-inch AMLCD for Ruggedized Display Applications

- XGA (1024x768) resolution
- 2300 nits at <10 W (bare panel)
- 1000 nits at <5 W (bare panel)
  - High efficiency white LED BLU
  - Cool to the touch
- >1000nits at <10W possible with EMI and NVIS compliance
- NVIS B compliance demonstrated, NVIS A in process
- Viewing Angle: H/V  $\pm 80^\circ / \pm 65^\circ$
- Operating Temperature range:  $-40^\circ\text{C}$  to  $80^\circ\text{C}$  (with heater)
- LVDS Interface

<http://www.planarembdedded.com/>



### ALUDRA

The **ALUDRA** is the latest Intel® Atom™ based product from Eurotech in a 5.25" form factor. Using the Intel N270 1.6GHz processor, the ALUDRA delivers full Intel x86 compatibility with exceptional performance per watt. The many capabilities of the ALUDRA include high resolution graphics, low power, extensive onboard connectivity, PC/104, PC/104+ and PCIe expandability for 3G and Wi-Fi.

Compatible with all major desktop operating systems and available with pre-installed ready-to-run embedded operating systems including Windows XP Embedded and Fedora Linux, the ALUDRA is the ideal high performance, low cost solution for Digital Signage, Kiosks, HMI, Process and Machine Control applications as well as for applications within the Energy, Medical, Transportation and Industrial Automation industries.

#### Availability

The ALUDRA board is available now.

<http://www.eurotech.com/en/products/ALUDRA>



### Eurotech's Catalyst Module XL, a Compact, Rugged Embedded Computer, Completes Military Qualification In Airborne Application

Eurotech announces that the Catalyst Module XL has passed military environmental testing operating in an airborne inhabited cargo aircraft environment. Eurotech customer Astronautics used the Catalyst Module XL in the Electronic Instrument System as part of a major foreign military sale aircraft avionics suite.

With a very compact 67x100mm form factor and robust EMI design, the Eurotech Catalyst Module XL is rugged enough to withstand extreme vibration and temperature, making it ideal for applications in the aerospace market.

<http://www.eurotech.com/en/products.aspx?pg=Catalyst%20Module%20XL&pid=10169>

## AAEON Introduces New Product Line: Advanced System Controllers

*Advance Mini-ITX System Controller With Intel Core 2 Duo/Quad Processor*



### Main Feature

- Supports Intel Core 2 Duo/ Quad LGA775 Processor
- Dual-Channel DDR III 800/1066 Memory Up To 4 GB
- Intel Integrated Graphics Engine 4500 Supports Dual View With VGA & DVI
- Intel PCI-Express Gigabit Ethernet x 2
- 3.5" Hard Disk Drive Bay x 1 & Slim Type DVD-RW x 1
- USB2.0 x 6 & COM x 2
- Multiple Extended Bus Up To Two Slots



**AIS-Q452**

### Applications

- Manufacture Automation
- Auto Optical Inspection
- Digital Signage
- Gaming

Taipei Taiwan (December 11, 2009)--AAEON announces the launch of a new product line—Advanced System Controllers. The debut of this product line is to unveil the new generation of system controllers, which adopt the Mini-ITX form factor with the Intel® Q45 and ICH10DO chipset. The first two products to be launched in this product line are the AIS-Q450 and AIS-Q452. These two models offer an outstanding computing power solution with high graphic performance.

The AIS-Q450 and AIS-Q452 feature the Intel® Core™ 2 Duo/Quad LGA 775 processor and supports dual-channel with two 240-pin DDRIII 800/1066 SDRAM (up to 4 GB). For the network connection, these two models are equipped with the Intel® 82567LM and Intel® 82574L that feature two PCI-Express 10/100/100Base-TX Ethernet communications. In addition, the 3.5" SATA Hard Disk Drive bay and optional CompactFlash Type II socket provide ample storage expansion.

[http://www.aaeon.com/PD\\_Products\\_Detail\\_B7D68317D3A4400384\\_969FF121AD7B4A159E\\_BE51C089D2B2428EAD\\_US\\_UTF-8.html](http://www.aaeon.com/PD_Products_Detail_B7D68317D3A4400384_969FF121AD7B4A159E_BE51C089D2B2428EAD_US_UTF-8.html)  
[http://www.aaeon.com/PD\\_Products\\_Detail\\_B7D68317D3A4400384\\_969FF121AD7B4A159E\\_F0E547BE54A344D0B5\\_US\\_UTF-8.html](http://www.aaeon.com/PD_Products_Detail_B7D68317D3A4400384_969FF121AD7B4A159E_F0E547BE54A344D0B5_US_UTF-8.html)

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