



## Industrial Large Format Display Computers 42" / 55" / 65" / 84"



### **Industrial Large Format Display Computers**

Arista's Large Format Industrial LCD Display Computer integrates swappable CPU module in the unit and ranging in LCD display size from 42" to 84". These rugged large format LCD display computers were designed with touch capability so they can be used for information kiosk on plant floor. The swappable CPU module comes with Intel Cedar Trail 1.86GHz dual core Atom N2800 CPU and can be populated up to 4GB DDR3 memory.



## Swappable CPU Module

The repair and maintenance cost of large format display in high ceiling installation could be very expensive. The swappable CPU module of the Large Format Display Computer minimizes downtime and the cost of repair and maintenance. Because CPU module is swappable, replacing CPU module is quick and easy; does not require taking down the unit which saves tremendous manpower and cost. The CPU module available today is powered by Intel Cedar Trail 1.86GHz dual core Atom N2800 CPU and up to 4GB DDR3 memory capacity. Dual Gigabit Ethernet, four USB 2.0, one RS-232 and one VGA output are integrated in the CPU module.



Swappable CPU Module

| Machine           | Efficiency vs. Production Ideal Rate | Percent | Duration |
|-------------------|--------------------------------------|---------|----------|
| Press Brake 1     | 0  100%                              | 91%     | 02:20:30 |
| Lathe             | 0  100%                              | 91%     | 02:20:30 |
| Tube Laser        | 0  100%                              | 91%     | 02:20:30 |
| Packaging Line    | 0  100%                              | 91%     | 02:20:30 |
| Main Turret Press | 0  100%                              | 91%     | 02:20:30 |
| Robot Welder (A)  | 0  100%                              | 91%     | 02:20:30 |
| 3-Axis Mill       | 0  100%                              | 91%     | 02:20:30 |
| Injection Molder  | 0  100%                              | 91%     | 02:20:30 |
| Shear             | 0  100%                              | 91%     | 02:20:30 |
| Press 1           | 0  100%                              | 91%     | 02:20:30 |

## Auxiliary Video Inputs

Arista Corp. creatively adds auxiliary video inputs to the design of Large Format Display Computers. The auxiliary video inputs can transform Large Format Display Computer to LCD Display unit by connecting to alternative computer video output when CPU module fails. With auxiliary video inputs, The Large Format Display Computer can be purchased as LCD Display only and CPU module can be added in the future when it is needed.

## Dual Display Backup Setup

The combination of swappable CPU module and auxiliary video input creates the function of dual display backup setup. In dual display setup, two Large Format Display Computers are interconnected. The VGA output of each CPU module connects to VGA input of the other unit. In the event of CPU module failure, technician can power on the other CPU module and dual display will be back to work again. In dual display setup, one unit functions as primary display and the other unit functions as secondary display. In case of CPU module failure, the secondary display becomes primary display. Dual display backup setup can continue to operate while failed CPU module is waiting to be replaced.

For more products information, please visit our product web page as follow:

[Large Format Display Computers](#)

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