# Model QVC216 Quad Video Computer

*Industrial embedded Quad Video Computer*

## Open Architecture, Maximum Flexibility:

The case accepts any industry standard microATX motherboard. An open architecture reduces cost and offers the flexibility to substitute a variety of microATX motherboards. This extends the life of the hardware, allowing motherboard substitution and allows future motherboard upgradability.
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## Compact computing platform

The QVC216 video display computer provides easy installation. The compact 3.8" H x 12.5" W x 13.5" D enclosure is designed for mounting in tight spaces. The QVC is fully equipped with USB, serial ports, Ethernet and two PCIexp x16 video expansion slots.

## Reliable operation in demanding environments:

The QVC includes two high volume 92mm case fans, a rugged integrated motherboard computer, optional SSD or 320GB notebook drive & fan filters. The QVC is designed for reliable operation in demanding environments

## Horizontal or vertical panel mounting

The chassis is designed to be embedded and can be rotated for the optimum orientation.

### Features

Open architecture

Reliable 24x7 operation

2 full height PCIexp x16 slots
Optional 4 slot low profile version
Horizontal/Vertical mounting
Accepts ATX motherboards

Compact 3.8" x 12.5" x 13.5"

Dual 92mm filtered Fans

Max Cooling and Quiet Operation

Accepts 1U Power supplies

Accepts 2 Full length Adapter cards

Light, strong, and compact case

Revision Control

Accepts 2 Standard Video Adapters

Choice of 35W & 55W Intel processors

UL & FCC certifications

## Standard Features:

Intel 2.6 GHz 55W Dual core processor, matx motherboard, 4G DDR2 Ram, 32GB SSD or 320GB notebook drive, Win7 x32 or x64, 200W 1U PS, audio, dual PCIexp x16 video graphics adapter expansion slots, and dual Ethernet.

Motherboard options:
o   Long-life Revision controlled HD-310Q87
o   Asus B85M-E/CSM

Solid State Disk for secure and reliable storage requirements, in harsh environments

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Designed to accept up to 2 standard High performance video adapters for a total of 4 HD video channels  or 4 low profile slots

*Dual PCIexp x16 Graphics Slots  or 4 Slot LP option*



Rear view (low profile option, eliminates ribbon cables) The QVC216 includes two full height expansion slots design to support one or two standard full height video graphic adapters or 4 low profile slots.

***Standard hardware is used throughout, simplifying support and future upgrades/maintenance.*** A standard 1U premium PS is installed using industry standard mounting. Plenty of ventilation and cooling is provide to extend the life of the electronics.



Cool & Powerful Intel Dual Core CPU

## SPECIFICATIONS

### Essentials

| Status | Launched |
|---|---|
| Launch Date | Q1 '13 |
| Processor Number | G1610 |
| # of Cores | 2 |
| # of Threads | 2 |
| Clock Speed | 2.6 GHz |
| Intel® Smart Cache | 2 MB |
| DMI | 5 GT/s |
| Instruction Set | 64 bit |
| Instruction Set Extensions | SSE4.1, 4.2 |
| Embedded Options Available | No |
| Lithography | 22 nm |
| Max TDP | 55 W |
| Thermal Solution Specification | 2011C |



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## Intel Cool & Powerful Processors:

Choose between several of Intel's newest processors providing dual core performance with only 35 to 55W. In demanding environments, every effort is made to reduce unnecessary heat. Choosing low power dissipation processors from Intel, is a step in the right direction. Dual high CFM 92mm fans are included to cool the electronics.

**Professional Shipping Container**
- Pre-cut foam
- Extra room for accessories
- Stress testing compliance

Contact:

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