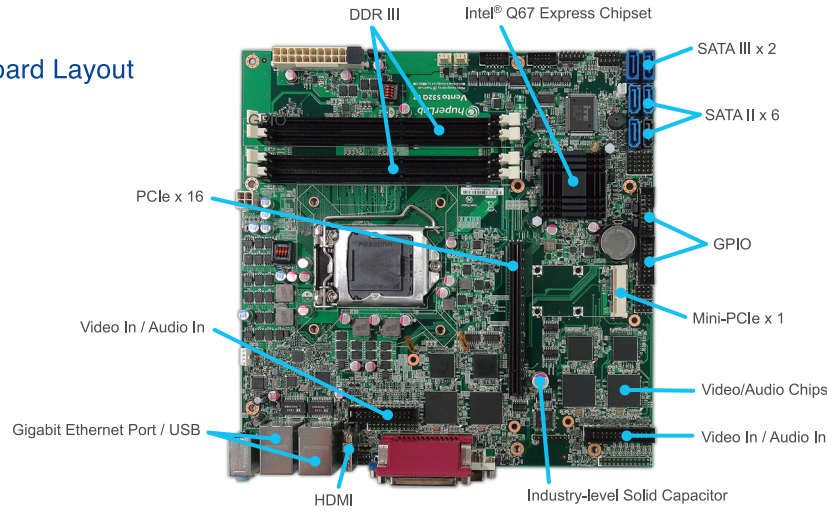


Vento DSS Server Board Layout



Product Models

| Product Model | Vento 532Q | | | | Vento 516Q | | |
|---------------------------|--|----------------|----------------|----------------|-----------------|----------------|----------------|
| | Vento 532Q-960 | Vento 532Q-480 | Vento 532Q-240 | Vento 532Q-120 | Vento 516Q-480 | Vento 516Q-240 | Vento 516Q-120 |
| Video Input (Analog) | 32 | | | | 16 | | |
| Audio Input | 32 | | | | 16 | | |
| Display Rate (NTSC/PAL) | 960/800FPS @ D1 | | | | 480/400FPS @ D1 | | |
| Recording Rate (NTSC/PAL) | 960/800FPS @ D1 | | | | | | |
| 720x480 / 720x576 | 960/800FPS | 480/400FPS | 240/200FPS | 120/100FPS | 480/400FPS | 240/200FPS | 120/100FPS |
| 320x240 | 960/800FPS | 960/800FPS | 960/800FPS | 480/400FPS | 480/400FPS | 480/400FPS | 480/400FPS |
| TV-out Support | 8 | | | | 4 | | |
| IP Camera Input (Max.) | 32 | 32 | 32 | 8 | 16 | 16 | 16 |
| GPIO | 16 | | | | 16 | | |
| Surveillance Software | huperVision 4000 Intelligent Surveillance Software Suite | | | | | | |

Digital Video Specifications

| Item | Vento 532Q | Vento 516Q |
|---------------------------|--|---|
| Video Inputs | 32 | 16 |
| Audio Inputs | 32 | 16 |
| Video Resolution | 720x480HD / 720x576HD, 720X480 / 720X576, 720X240 / 720X288, 640X480HD, 640X480HD, 640X480, 640X240, 320X240 | 720x480HD / 720x576HD, 720X480 / 720X576, 640X480HD, 640X480HD, 640X480, 640X240, 320X240 |
| Display Rate (NTSC/PAL) | Up to 960/800FPS @ D1 resolution | Up to 480/400FPS @ D1 resolution |
| Recording Rate (NTSC/PAL) | Up to 960/800FPS @ D1 resolution | Up to 480/400FPS @ D1 resolution |
| GPIO | 16 | 16 |
| Watchdog | Yes, hardware & software reset for anti-freeze protection | Yes, hardware & software reset for anti-freeze protection |

Server Board Specification

| Item | Vento 532Q | Vento 516Q |
|-----------------------|--|--|
| Chipset | Intel® Q67 Express Chipset | Intel® H61 Chipset |
| Form Factor | Micro-ATX | Micro-ATX |
| Processor | Support 2nd Generation Intel® Core™ processor, LGA 1155 Socket Intel® Core i7 2600(3.4GHz quad core) Intel® Core i5 (2.8GHz quad core) | Support 2nd Generation Intel® Core™ processor, LGA 1155 Socket Intel® Core i7 2600(3.4GHz quad core) Intel® Core i5 (2.8GHz quad core) |
| Memory Type | Support DDR3 1066/1333MHz SDRAM with un-buffered and Non-ECC | Support DDR3 1066/1333MHz SDRAM with un-buffered and Non-ECC |
| Max. Memory | 16GB | 16GB |
| Memory Slot | DDR3 DIMM X 4 | DDR3 DIMM X 4 |
| Expansion Slots | One PCI Express X16 / One Mini-PCI Express | One PCI Express X16 |
| Video In | 16 / 32 CH video inputs (10 bit ADC) | 16 / 32 CH video inputs (10 bit ADC) |
| Graphics | Intel® integrated graphic engine Dual Display : ● VGA + DVI ● VGA + HDMI ● DVI + HDMI | Intel® integrated graphic engine Dual Display : ● VGA + DVI ● VGA + HDMI ● DVI + HDMI |
| Storage Interface | SATA 3.0 x2 / SATA 2.0 x4 | SATA 2.0 x4 |
| LAN | Dual 10/100/1000 LAN (ETH0 support Intel AMT 7.0) | Dual 10/100/1000 LAN |
| Audio | Realtek ALC886 HD | Realtek ALC886 HD |
| Internal I/O | USB2.0 x 6 / Front Audio x 1 | USB2.0 x 2 / Front Audio x 1 / COM x 1 |
| Rear I/O | USB2.0 x 4 / PS2 x 2 / LAN x 2 / Audio x 1 / 16CH Video In (LPT Port) x 1 / VGA x 1 / DVIx1 | USB2.0 x 4 / PS2 x 2 / LAN x 2 / Audio x 1 / 16CH Video In (LPT Port) x 1 / VGA x 1 / DVIx1 |
| Internal Serial Ports | COM1: RS232/422/485, 2x5/2.54 Box header COM2: RS232/422/485, 2x5/2.54 Box header | COM1: RS232/422/485, 2x5/2.54 Box header COM2: RS232/422/485, 2x5/2.54 Box header |

Note: Product specifications and pictures are subject to change without prior notice.



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