



## APCIE-10GA is a 10G PCI Express network interface card based on Aquantia™ AQC107 chipset

The multi-gigabit APCIE-10GA network adapter supports auto-negotiation feature which allows optimal selection of the best possible speed (10/5/2.5/1 GbE or 100 MbE) over Cat5e, Cat6 or better cabling.

With PCI Express ×4 connector, this product has a great flexibility and is compatible with PCIe ×8 and ×16 interfaces.

Low profile design makes it possible to use the card in regular and small form factor PC. Software support for modern operating systems (Microsoft Windows and Linux) helps with seamless integration.

## Key features

- 1 Aquantia™ AQtion™ AQC107 chipset
- 2 PCI Express 3.0 ×4 host interface
- 3 1× RJ45 with link and activity LED
- 4 Low profile form factor (regular and low profile brackets in bundle)
- 5 Large heatsink for efficient, passive cooling

|                              |   |
|------------------------------|---|
| <b>Chipset</b>               | Aquantia™ AQtion™ AQC107  |
| <b>IEEE 802.3 standards</b>  | <p>IEEE 802.3ab</p> <p>IEEE 802.3an (10GBase-T)</p> <p>IEEE 802.3az</p> <p>IEEE 802.3bz (NBASE-T)</p> <p>IEEE 802.3u</p> <p>IEEE 802.3x (flow control)</p>  |
| <b>Features</b>              | <p>Advanced Configuration and Power Interface (ACPI)</p> <p>IPv4, IPv6/TCP and IPv6/UDP checksum offload</p> <p>MSI, MSI-X and legacy INTx PCIe interrupts</p> <p>IEEE 802.1QAV Audio Video Bridging (AVB)</p> <p>IEEE 802.1P Quality of Service (QoS)</p> <p>Energy Efficient Ethernet (EEE)</p> <p>UEFI and PXE boot options</p> <p>Receive-Side Scaling (RSS)</p> <p>Large Send Offload (LSO)</p> <p>Windows Diagnostics</p> <p>Wake-on-LAN (WoL)</p> <p>auto-negotiation</p> <p>16K jumbo frame</p> <p>1588v2</p> |
| <b>Interface</b>             | <p>PCI Express 3.0 ×4</p> <p>1× RJ45</p>  |
| <b>LED</b>                   | <p>1× 5/2.5/1 GbE and 100 MbE link/activity (yellow)</p> <p>1× 10 GbE link/activity (green)</p>   |
| <b>Operating systems</b>     | <p>Microsoft Windows 7, 8, 8.1 and 10</p> <p>Linux</p>  |
| <b>Form factor</b>           | Low profile PCI Express card  |
| <b>Operating humidity</b>    | 10 % ~ 90 % RH, non-condensing  |
| <b>Operating temperature</b> | 0 ° ~ 55 ° C  |
| <b>Dimensions</b>            | 68 × 82 × 15 mm   |



