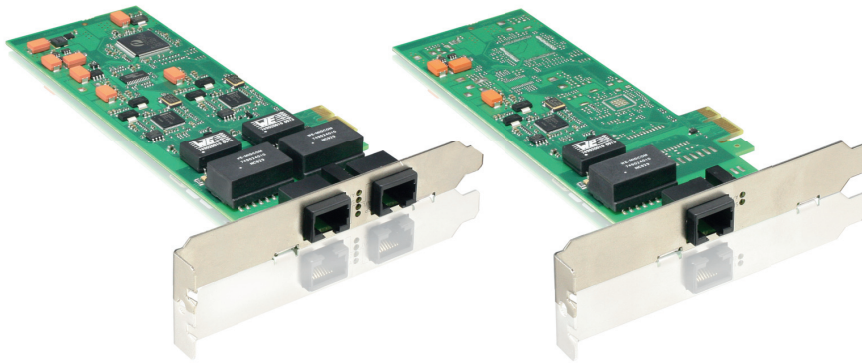


# » PCIe Medical LAN Card «



## PCIe Medical LAN Card

- » Medical Isolation according to IEC60601-1
- » Full 1000Base-T Performance
- » Dual Channel
- » Usable in Full Height or Low Profile
- » PCI Express® x1

## PCIe Medical LAN Card

### Full Performance Medical LAN Card

Based on the Intel® 82574L Ethernet Controller, the Kontron medical LAN Card offers full gigabit performance while offering reinforced isolation to meet the needed certification for medical use.

| Technical Information                              |   |
|--|---|
| <b>Chipset</b>                                     | 1 or 2 Intel® 82574L Ethernet Controller  |
| <b>LAN Interfaces</b>                              | 1 or 2 isolated Ethernet 1000Base-T, complying with the standard IEC60950-1 and IEC60601-1, 2nd edition   |
| <b>Connector</b>                                   | RJ45, unshielded connector  |
| <b>Connectivity Media</b>                          | UTP CAT5, CAT6, CAT7  |
| <b>LED Indicators</b>                              | LAN status LED for each LAN port<br>LAN speed LED for each LAN port   |
| <b>BusType</b>                                     | PCIe x1 (PCIe Specification Version 2.0)  |
| <b>Mechanical Dimension (PCB)</b>                  | 168.15mm (half length) x 68.9mm (half height);<br>[6.62" (half length) x 2.713" (half height)]<br>Full height and low profile bracket included  |
| <b>Operating temperature / relative humidity</b>   | with minimum 1m/s forced air flow:<br>0°C to +60 °C / 15-90 % / non condensing;<br>(32 to 140 °F / 15-90 % / non condensing)<br>with passive cooling (assembled in vertical position):<br>0°C to +45°C / 15-90 % / non condensing;<br>(32 to 113 °F / 15-90 % / non condensing)       |
| <b>Storage / transit temp. / relative humidity</b> | -20 to +70 °C / 15-95 % non condensing<br>(-4 to 158 °F / 15-95 %) non condensing   |
| <b>Operating and Storage / Transit altitude</b>    | -500 to 3000 m (1640.5 to 9843 ft)  |
| <b>CE Directives</b>                               | Low Voltage Directive (LVD) 2006/95/EC<br>EMC Directive 2004/108/EC   |
| <b>Electrical Safety</b>                           | Information technology equipment - Safety - Part 1: General requirements<br>EN 60950-1: 2006<br>UL 60950-1:2006 cULus recognized with medical isolation requirements acc.<br>IEC60601-1: 1995   |
| <b>EMC</b>   | Generic emission standard for industrial environments (Emission):<br>EN 55022 and EN 55011 class B<br>Generic standards - Immunity for industrial environments (Immunity):<br>EN 61000-6-2; EN 60601-1-2<br>(EMC of medical devices FCC 47 CFR Part 15, Class A<br>ICES-003, Class A) |

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