

FRONT-ENDS: TRIONet3

- > Up to 100 m distance between the TRIONet3 systems
- > Gigabit LAN and USB3
- > Distributable and stackable



| | TRIONet3 |
|---------------------------------------|--|
| Slots for TRION modules ¹⁾ | 2 TRION / TRION3 |
| Low-speed channel expansion | XR modules |
| LAN | 2 x 1000BASE-TX Gigabit Ethernet |
| LAN configuration | DHCP or Static IP |
| USB | USB 3.0 |
| Synchronization | TRION-SYNC-BUS up to 100 m between nodes |
| System bandwidth | 90 MB/s with one connected TRIONet3 (up to 50 MB/s with more than one) |
| Display | Status display with touch-screen |
| Cooling | 2 temperature controlled ultra silent fans |
| HOST SYSTEM REQUIREMENTS | |
| Supported operating systems | Linux or Windows, 64-bit |
| Supported interfaces | USB 3.0; 1000BASE-TX Gigabit Ethernet |
| POWER SUPPLY | |
| Isolated power supply (max.) | 10 to 32 V _{DC} (9 to 36 V _{DC}) |
| Power consumption | Without modules 15 W, totally equipped max. 55 W |
| External power supply (included) | 100 to 240 V ~50 to 60 Hz / 65 W |
| Option | Ext. battery pack, 3 battery slots for ~4 h operation (DW2-UPS-250-DC [see picture above]) |
| DIMENSIONS | |
| Dimensions (W x D x H) | 320 x 205 x 55 mm (12.6 x 8 x 2.2 in.) |
| Weight without modules | Typ. 1.9 kg (4.2 lb.) |
| ENVIRONMENTAL SPECIFICATIONS | |
| Operating temperature | -20 °C to +60 °C [with pre-warmed unit] |
| Storage temperature | -20 to +70 °C |
| Humidity | 10 to 90 % non cond., 5 to 95 % rel. humidity |
| Max. altitude | 3000 m (9840 ft) |
| Sine vibration (EN 60068-2-6) | 20 m/s ² |
| Shock (EN 60028-2-27) | 30 g |
| Random vibration (EN 60721-3-2) | Class 2M3 |

¹⁾ Unsupported module: TRION-ARINC, TRION-MIL1553, TRION-EtherCAT-1-Slave

LOW CHANNEL-COUNT APPLICATION



DISTRIBUTED APPLICATION

