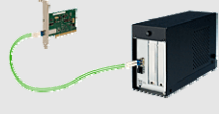

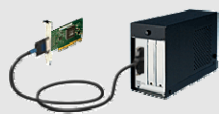


Expansion Unit

Model type	PCI-PFA02SJ(OP)	PCI-PFA02SJ(EX)	PCI-PFA02SJ																						
																									
Host board spec	PCI-882101	PCI-862101	PCI-852100																						
Bus requirements	PCI Local Bus Specification (Rev. 2.1 or later), 32bit, 33MHz, 5V/3.3V signal environment																								
Host board size	Extra short size: [119.91(D) x 60(H)] (Low Profile PCI) [mm]																								
Number of slots	One slot																								
Power requirements	3.3 Vdc (+/- 0.3 V):0.4 A (typ.) or 5 Vdc (+/- 5%):0.3 A (typ.) (Selectable by the power supply jumper switch)	3.3 Vdc (+/- 0.3 V):0.2 A (typ.) or 5 Vdc (+/- 5%):0.2 A (typ.) (Selectable by the power supply jumper switch)	3.3 Vdc (+/- 0.3 V):0.2 A (typ.) or 5 Vdc (+/- 5%):0.2 A (typ.) (Selectable by the power supply jumper switch)																						
Transmission cable spec																									
Transmission type	Optical fiber (multi-mode fiber)	PCI Express	PCI Bus																						
Transmission rate	2.5 Gbps	2.5 Gbps	1.056 Gbps																						
Noise immunity	Optical fiber (optical isolation)	Shielded cable	Shielded cable																						
Reliability	Error resend	Error resend	Error detection																						
Cable length	5m	3m	1.2m																						
Max. cable length	150m	4m	1.2m																						
Expansion unit spec																									
Dimensions	73.4(W)×235(D)×155(H) [mm] (projection excluded)																								
Input power spec	Input voltage rating: +7 Vdc to +27 Vdc Input voltage range: 0 Vdc to 27 Vdc																								
Power requirements	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Output Voltage rating</td> <td style="width: 15%;">+3.3 Vdc</td> <td style="width: 15%;">+5V dc</td> <td style="width: 15%;">+12 Vdc</td> <td style="width: 15%;">-12 Vdc</td> <td style="width: 15%;">+5V sb</td> </tr> <tr> <td>Output Current rating</td> <td>6 A</td> <td>6 A</td> <td>1 A</td> <td>0.2 A</td> <td>2 A</td> </tr> </table>					Output Voltage rating	+3.3 Vdc	+5V dc	+12 Vdc	-12 Vdc	+5V sb	Output Current rating	6 A	6 A	1 A	0.2 A	2 A								
Output Voltage rating	+3.3 Vdc	+5V dc	+12 Vdc	-12 Vdc	+5V sb																				
Output Current rating	6 A	6 A	1 A	0.2 A	2 A																				
Maximum current	50 W																								
Bus requirements	PCI Local Bus Specification Rev. 2.1 5V signal environment																								
Expansion board size	PCI short size 200.00(D) x 106.68(H) [mm] (projection excluded)																								
Number of slots	3 [Interface module x 2 / Expansion board x1]																								
System slot	Expansion board (installed)																								
Unit cooling fan	None																								
OS	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="background-color: #0056b3; color: white;">Windows 7×64</td> <td style="background-color: #0056b3; color: white;">Windows 7×32</td> <td style="background-color: #0056b3; color: white;">Windows 2008×64</td> <td style="background-color: #0056b3; color: white;">Windows 2008×32</td> <td style="background-color: #0056b3; color: white;">Windows Vista×64</td> <td style="background-color: #0056b3; color: white;">Windows Vista×32</td> <td style="background-color: #0056b3; color: white;">Windows XP×64</td> <td style="background-color: #0056b3; color: white;">Windows XP×32</td> <td style="background-color: #0056b3; color: white;">Windows Embedded Standard2009</td> <td style="background-color: #0056b3; color: white;">Windows XPe</td> </tr> <tr> <td style="background-color: #0056b3; color: white;">Windows 2003×64</td> <td style="background-color: #0056b3; color: white;">Windows 2003×32</td> <td style="background-color: #0056b3; color: white;">Windows 2000</td> <td style="background-color: #ffcc00; color: white;">Linux ×32</td> <td colspan="6" style="background-color: #800000; color: white;">DOS</td> </tr> </table>					Windows 7×64	Windows 7×32	Windows 2008×64	Windows 2008×32	Windows Vista×64	Windows Vista×32	Windows XP×64	Windows XP×32	Windows Embedded Standard2009	Windows XPe	Windows 2003×64	Windows 2003×32	Windows 2000	Linux ×32	DOS					
Windows 7×64	Windows 7×32	Windows 2008×64	Windows 2008×32	Windows Vista×64	Windows Vista×32	Windows XP×64	Windows XP×32	Windows Embedded Standard2009	Windows XPe																
Windows 2003×64	Windows 2003×32	Windows 2000	Linux ×32	DOS																					
Environmental conditions	Operating Temperature: 0 degrees C to 50 degrees C (When ambient temperature becomes greater than or equal to 40 degrees C, make sure of cooling.) Relative Humidity: 20% to 90% (non-condensing)																								
MTBF	222,374 hours		235,436 hours		263,942 hours																				

Note:

- There may be cases that resources might not properly assigned by BIOS or OS depending on number of installed interface modules or resource size; that performance might be deteriorated.
- This may vary on combination of computers, BUS bridges and/or Interface modules combination.
- Always use the provided cable to connect a host computer to the expansion unit. Use of other types of cable does not guarantee the performance.