

# SIEMENS

## Product data sheet

## 6ES7677-1DD50-2AA0



SIMATIC S7-MODULAR EMBEDDED CONTROLLER,  
EM PC EXTENSION MODULE F. ADDITIONAL  
CONNECTORS 2 X USB,  
1 X ETHERNET GB, 1 X COM, 1 X DVI-I,  
1 X SLOT CF 1 X SLOT SD/MMC

General information	
Hardware product version	01
Input current	
from expansion bus	580 mA
Power losses	
Power loss, typ.	9 W
Power loss, max.	14 W
Interfaces	
Number of USB interfaces	2
serial interface	1x V.24 (RS232)
Industrial Ethernet	
Industrial Ethernet interface	Onboard, 10/100/1000 Mbit, RJ45
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	Yes ; POWER LED, CARD LED for indicating access to SD/MMC

<b>EMC</b>	
Emission of radio interference acc. to EN 55 011	
Limit class A, for use in industrial areas	Yes
<b>Degree and class of protection</b>	
IP20	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
CSA approval	Yes
cULus	Yes
C-TICK	Yes
FM approval	Yes
<b>Ambient conditions</b>	
Operating temperature	
Min.	0 °C
max.	50 °C
Storage/transport temperature	
Min.	-40 °C
max.	70 °C
<b>Vibrations</b>	
Operation, checked according to IEC 60068-2-6	Yes
Transport tested checked to IEC 60068-2-6	Yes
<b>Shock test</b>	
checked according to IEC 60068-2-27	Yes
checked according to IEC 60068-2-29	Yes
<b>Shock testing</b>	
checked according to IEC 60068-2-29	Yes
Operation, checked according to IEC 60068-2-29	Yes
Storage/transport, checked to IEC 60068-2-29	Yes
<b>Dimensions</b>	
Width	80 mm ; Without bus connector Extension-Bus
Height	125 mm
Depth	115 mm
Status	Jul 17, 2012