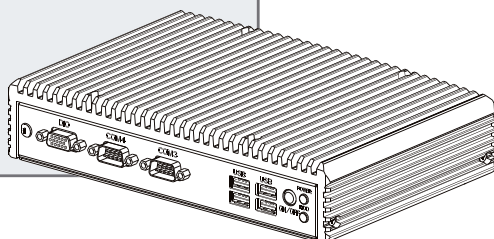


EL1081

Quick Reference Guide



Ver. Q1

TL Electronic GmbH
Bgm.-Gradl-Str. 1
85232 Bergkirchen-Feldgeding
Germany

Telephone: +49 (0)8131 33204-0
Fax: +49 (0)8131 33204-150
E-Mail: info@tl-electronic.de
www.tl-electronic.de



Packing Checklist

If you discover any item below damaged or lost, please contact your vendor.

<input checked="" type="checkbox"/> EL1081	x 1
<input checked="" type="checkbox"/> Driver/Manual CD	x 1
<input checked="" type="checkbox"/> This Quick Reference Guide	x 1
<input checked="" type="checkbox"/> Power Cable (DC-In 140 mm)	x 1
<input checked="" type="checkbox"/> Screw (6 mm)	x 4
<input checked="" type="checkbox"/> DVI to D-Sub Connector	x

Specifications

System

CPU Support	Intel® N2800/D2550 on board
Chipset	Intel® NM10
OS support	Windows 7
Memory Support	1 x DDR3 SO-DIMM Socket (up to 4GB)
Drive Bay	1 x 2.5 inch SATA HDD or SSD driver space
Power Requirement	9~36V DC-in
Power Adaptor	24V, 72W (Optional)
Watchdog	1~255s Watchdog timer selectable with Reset/NMI
Expansion Slot	1 x CFast slot, 1 x Mini-PCIe slot
System Weight	2 kg
Dimension (WxHxD)	217.5 x 45 x 148 mm (8.56" x 1.77" x 5.83")
Certificate	FCC/CE

I/O Ports (Front)

Serial Port	2 ports (COM3/4 for RS232)
Digital I/O	4-in/4-out
USB	4 x USB 2.0

I/O Ports (Rear)

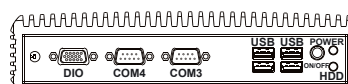
Serial Port	2 ports (COM1 for RS232, COM2 for RS232/422/485) Both are RI/5V/12V selectable.
DVI	1 x DVI
LAN	2 x 10/100/1000 Mbps
Audio	1 x Line-out, 1 x Mic-in
USB	2 x USB 2.0
SIM card	1 x SIM card slot

Environment

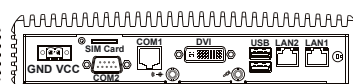
Operating Temp.	HDD: 0 ~ 45°C (32 ~ 113°F) CFast card: 0 ~ 55°C (32 ~ 131°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 158°F)
Humidity	20 ~ 90%

System View

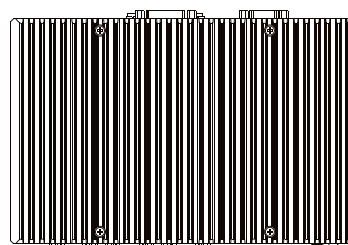
Front View



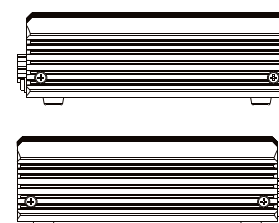
Rear View



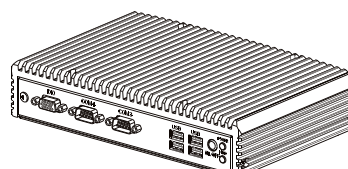
Top View



Side View

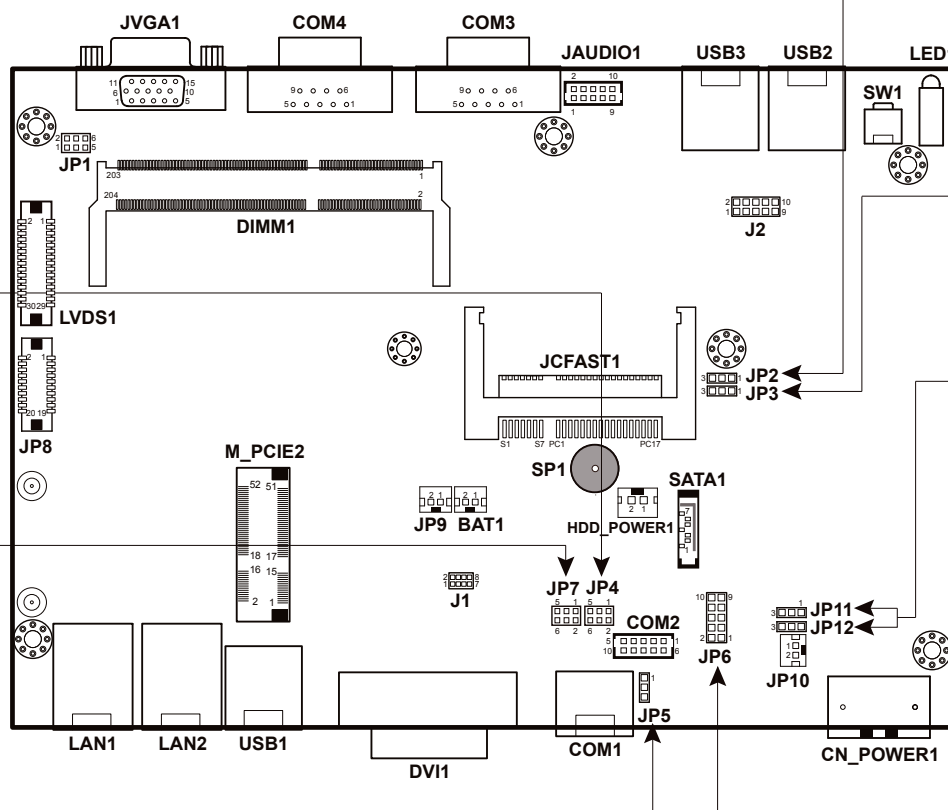


Quarter View



Slim & Fanless Embedded PC

Diagram of an RS485 connector pinout. The connector is a 9-pin D-sub. Pins 1, 2, 9, and 10 are labeled. Pins 1 and 2 are on the left, and pins 9 and 10 are on the right. The diagram shows the internal wiring connections between the pins.



Safety Precaution

WARNING! Some internal parts of the system may have high electrical voltage. Therefore we strongly recommend qualified engineers open and disassemble the system.