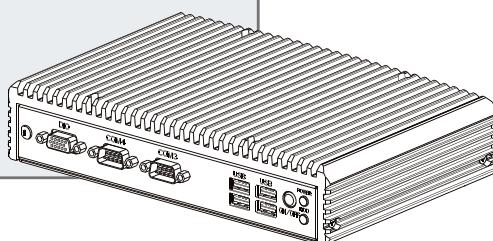


EL1081

Quick Reference Guide



Ver. Q1

TL Electronic GmbH
Bgm.-Grndl-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

Perfect Industrial IT

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)

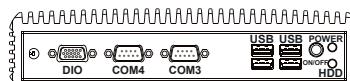
Serial Port	2 ports (COM1 for RS232, COM2 for RS232/422/485) Both are RI/5V/12V selectable.
DVI	1 x DVI
LAN	2 x 10/100/1000 Mbps
Audio	1 x Line-out, 1 x Mic-in
USB	2 x USB 2.0
SIM card	1 x SIM card slot

Environment

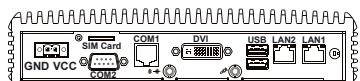
Operating Temp.	HDD: 0 ~ 45°C (32 ~ 113°F) CFast card: 0 ~ 55°C (32 ~ 131°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 158°F)
Humidity	20 ~ 90%

System View

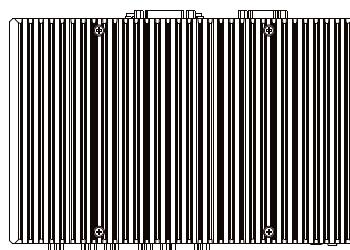
Front View



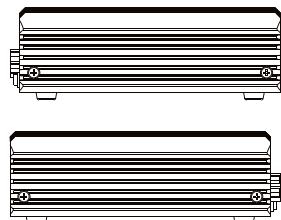
Rear View



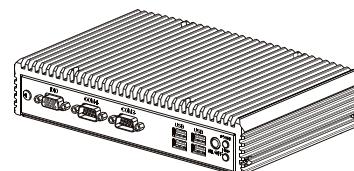
Top View



Side View



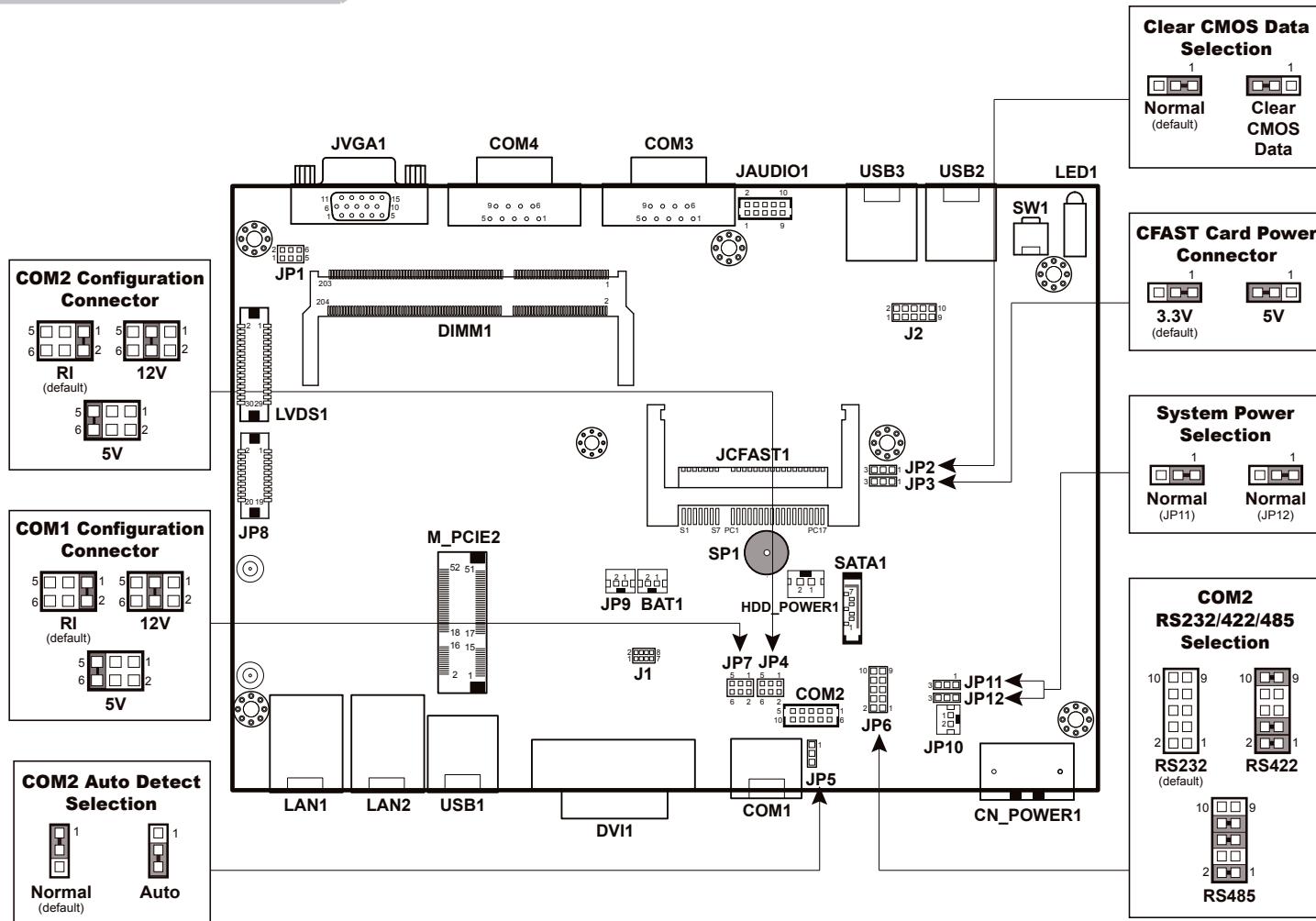
Quarter View



EL1081

Slim & Fanless Embedded PC

Jumper Setting



Safety Precaution

Following messages are safety reminders on how to protect your system from damages, and thus help you lengthen the life cycle of the system.

1. Check the Line Voltage

- The operating voltage for the power supply should cover the range of DC-in 9~36V, otherwise the system may be damaged.

2. Environmental Conditions

- Place your EL1081 on a sturdy, level surface. Be sure to allow enough room on each side to have easy access.
 - Avoid moving the system rapidly from a hot place to a cold place or vice versa because condensation may come from inside of the system.
 - Place EL1081 against strong vibrations, which may cause hard disk failure.

3. Handling

Do not turn the system upside down. This may cause the hard drive to mal-function.

- Do not allow foreign objects to fall into this product.
 - If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care

- When the outside of the case is stained, remove the stain with neutral washing agent with a dry cloth.
 - If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner for computer.

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

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