

ASCO[®] 5702 Power Management Gateway



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Introduction

The ASCO 5702 Power Management Gateway enables healthcare facilities to increase power system reliability, achieve and maintain accreditation, and increase operational efficiency. It centralizes power testing, monitoring and reporting, while delivering aggregated power information to facility monitoring systems via standard open protocols.

This manual illustrates how to setup the 5702 Power Management Gateway hardware functions together with connecting peripheral, setting switches and indicators.

Mechanical

- ·Dimensions (Standard Configuration): 73mm x 192mm x 230mm (2.91" x 7.55" x 9.05")
- ·Weight (Standard Configuration): 2.9kg (6.39lbs)

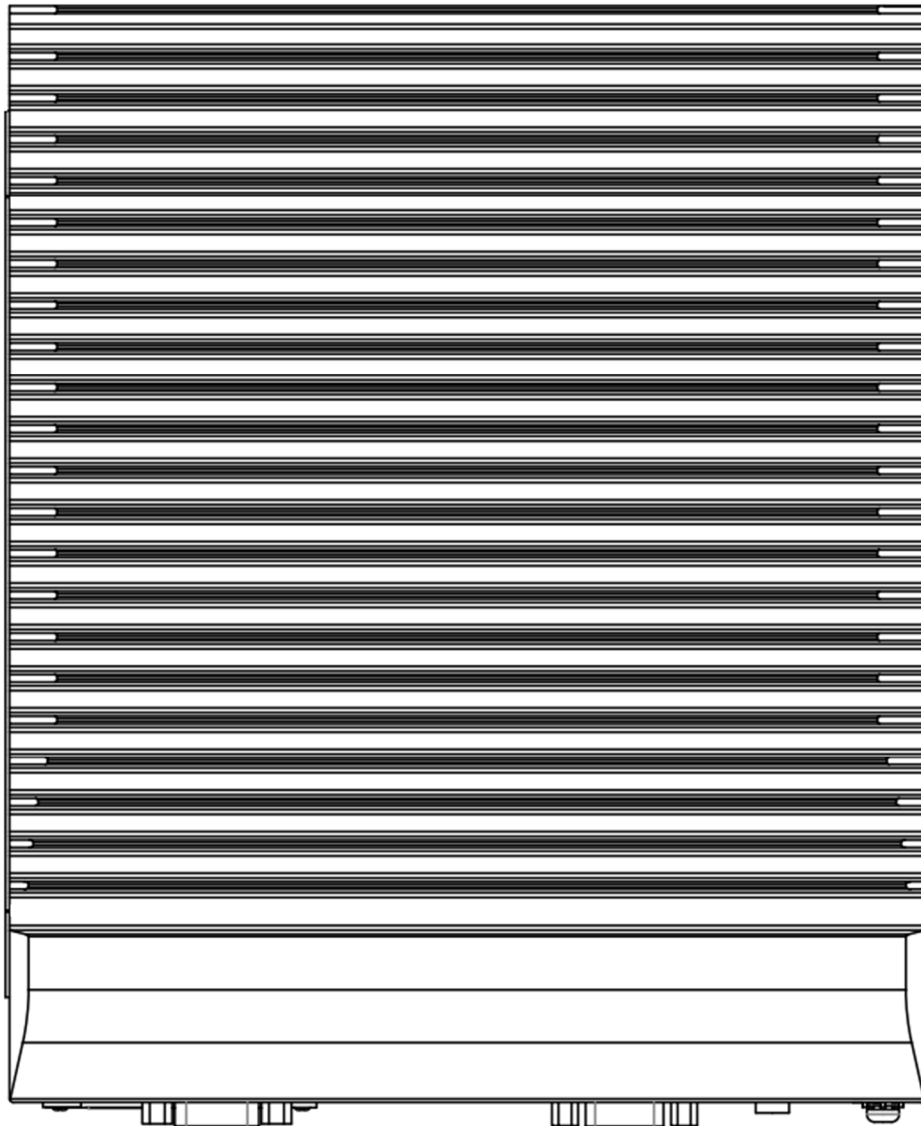


Figure 1

Environmental

- ·Operating Temperature: -20 to 50 °C with 0.7 m/s air flow
- ·Relative Humidity: 95% at 40 °C (non-condensing)

I/O Connectors

The following figures show the top and side views of the product.

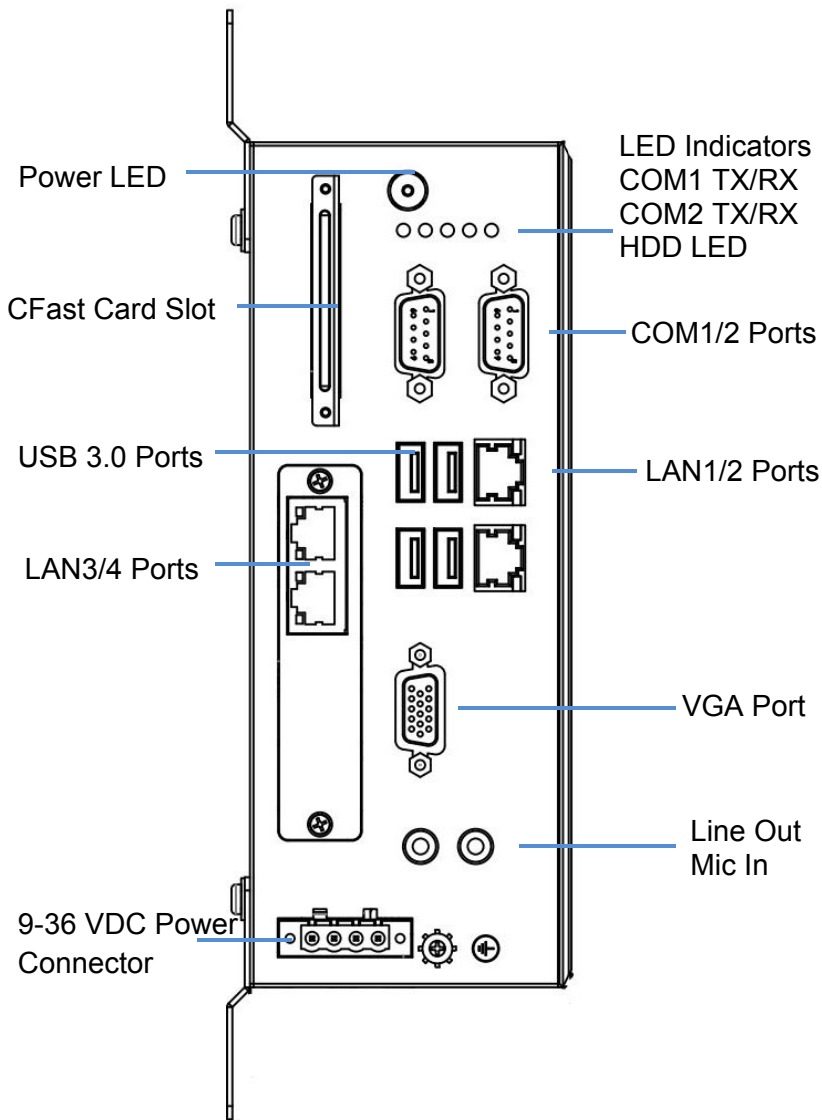


Figure 2 – I/O Top View

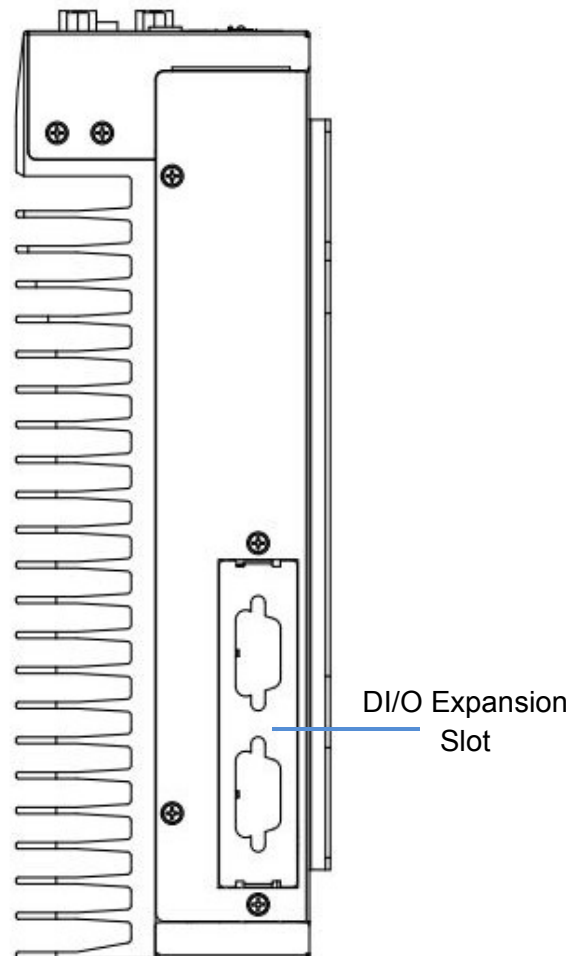


Figure 3 – I/O Side View

System Hardware

- **CPU:** Intel Xeon D-1559 Processor Broadwell-DE SoC CPU 1.5GHZ, 12 Core
- **Memory:** 32GB DDR4 2400 MHz
- **Storage:** 1 x Internal 256GB SATA SSD, 1 x Expansion 256GB SATA SSD
- **Ethernet:** 4 x RJ45 connectors, 10/100/1000 Mbps, Compliant with IEEE 802.3, 802.3U & 802.ab
- **USB:** 4 x USB 3.0 Ports
- **Display:** 1 x VGA 1920*1200

LED Indicators

There are status LEDs to indicate successful data transmission over COM1(TX and RX) and COM2 (TX and RX). There is also a status LED for the HDD.

Line Out/ Mic In

The unit has 2 stereo audio ports via phone jack connector: one for Line Out, one for Mic In.

RJ-45 LAN Ports

The unit is equipped with four Gigabit LAN ports. The controller chip used is the Intel Ethernet controller with that is fully compliant with 802.3u CSMA/CD standards. The Ethernet port provides standard RJ-45 jacks on the front I/O and LED indicators in front of the connector to show its status of Link (100Mbps orange LED, 1000Mbps green LED) and Active (flashing green LED) status.

RTC Battery

The RTC Battery to ensure the setting in BIOS and system clock can be kept, even with power disconnected for a short time.

- **Type:** BR2032 (Using CR2032 is NOT recommended)
- **Output Voltage:** 3 VDC

Power Button/Power Management

Press the “PWR” button to power on or power off (ATX type). This product supports dual function Soft Power On/off, delay 4 second On/Off, and suspend.

USB Connector

The USB interface supports Plug and Play, which enables you to connect or disconnect a device, without turning off the computer. This provides three USB connectors, which gives complete Plug & Play and hot swapping for up to 127 external devices. All 4 USB interfaces are compatible with USB3.0 devices. The USB interface is USB XHCI, Rev. 3.0 compliant. The USB interface can be disabled in the system BIOS setup.

Display Connector (VGA Port)

This unit provides a VGA controller for a high resolution interface. It supports up to full HD resolution for an independent display.

- 1 x VGA, supports 1920 x 1200 @ 60Hz 24bpp

Power Connector

Connect this unit to a 9~36 V DC power source. The power source can either from a power adapter or an in-house power source

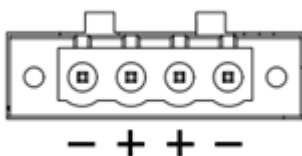


Figure 6 – Power Connector

Power Pin Assignments	
PIN	Point
1	GND
2	+9VDC – 36VDC
3	+9VDC – 36VDC
4	GND