

Supervisory Computer

Kongsberg

FCM 217-965L

Specifications Bulletin SSSS002 || Issue/Rev 0.0 (2/11)

FMC Technologies Kongsberg FCM217 Supervisory Computer is a 19" rack-mount industrial computer designed for fiscal measurement, custody transfer and batch loading of petroleum products in both gas and liquid phase. Its powerful software and hardware are capable of handling multi-stream applications with a wide variety of flow meters.



Features

- **Built-in Graphical User interface**
- **Server Capabilities** – for graphical clients
- **Redundant Networking**
- **Integrated Backup Device**
- **17" LCD Monitor** with pullout keyboard and mouse (trackball) for 19" mount
- **Metering Applications** – for gas and liquid
- **SQL Database** – for both live process data and archive purpose
- **Alarm and Event Logging**
- **User Controlled Access** – with password and access levels
- **File and Print Services**
- **Modbus Interface** (serial and TCP/IP)
- **OPC Server and Client**
- **Time Synchronization**
- **Backup Storage** – of flow computer configuration
- **Historical Trend System**
- **Redundant Configuration** – with hot standby server

Communication

- **Two RS232 Serial Ports** – for connection to peripherals or external system
- **Two LAN Ports** – 1GB Ethernet with RJ-45 connections
- **One Bidirectional Printer Port**
- **Six USB Ports**

Specifications

- **Industrial ATX Board with Intel® Q6600 CPU** 2.4GHz/1044MHz (FSB)/2x4MB
- **On-Board VGA Adapter Intel® 82Q965 Chipset**
- **2GB RAM DDR2 533/667/1066 MHz** (Max 8GB)
- **SATA HDD: 2 x 3.5" + 1 eSATA**
- **4 x PCI slots**
- **2 x LAN Gigabit Ethernet**
- **1 x 160 GB Hard Disk**
- **35GB Backup Unit** (Iomega® REV™ 35)
- **2 x RS232**
- **6 x USB 2.0**
- **1 x Printer Port** (EPP/ECP Support)

Software

- Windows® XP Professional
- FCM 217 Metering Applications
- FCM 217 Data Server
- FCM 217 System Administrator
- FPM 207 Database Tools
- FPM 207 User Interface
- SAP® Crystal Reports®
- MySQL™ RDBMS 5.0 Classic Edition
- MySQL™ RDBMS Administration Tools
- Backup Software and Disaster Recovery

Environmental

- **Operating Temperatures:**
-20°C to 50°C (-4°F to 122°F)
- **Storage Temperatures:**
-20° to 80°C (-4°F to 176°F)
- **Relative Humidity:** 10 to 90% (Non-condensing)

Dimensions & Weight

- 483 mm (19.0") x 88 mm (3.5") x 356 mm (14.0")
- Weight Approximately 11 kg (24 lb)

Power Requirements

- 115-230 VAC +5%/-10% 50/60Hz
- **Consumption:** 250W nominal

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

Contact information is subject to change. For the most current contact information, visit our website at www.fmctechnologies.com/measurementsolutions and click on the "Contact Us" link in the left-hand column.

Headquarters:

500 North Sam Houston Parkway West, Suite 100, Houston, TX 77067 USA, Phone: +1 (281) 260 2190, Fax: +1 (281) 260 2191

Measurement Products and Equipment:

Erie, PA USA +1 (814) 898 5000

Ellerbek, Germany +49 (4101) 3040

Barcelona, Spain +34 (93) 201 0989

Beijing, China +86 (10) 6500 2251

Buenos Aires, Argentina +54 (11) 4312 4736

Burnham, England +44 (1628) 603205

Dubai, United Arab Emirates +971 (4) 883 0303

Los Angeles, CA USA +1 (310) 328 1236

Melbourne, Australia +61 (3) 9807 2818

Moscow, Russia +7 (495) 5648705

Singapore, +65 6861 3011

Thetford, England +44 (1842) 822900

Integrated Measurement Systems:

Corpus Christi, TX USA +1 (361) 289 3400

Kongsberg, Norway +47 (32) 286700

Dubai, United Arab Emirates +971 (4) 883 0303

Visit our website at www.fmctechnologies.com/measurementsolutions