

WEATHER

Central Data Processor

Model 2090-I



General Description

ADB Safegate's Central Data Processing (CDP) systems offer the most reliable and accurate critical information needed for air traffic management. The information is secured by the CDP in the high-quality Rack System (and optionally redundant system). Accurate, timely and dependable meteorological information is available 24/7 along with broadcasts, various re-ports and other mission critical ATC information.

The CDP receives the data from various meteorological sensor locations along the runway or in met garden and output to important ATC information sources such as ATFN, TAC, IWXXM, AMHS and others. With the click of a mouse, the user can customize the system's operation or access various other met screens or menus containing links to reports, data archives, graphs, and system maintenance controls.

With the optional dual hot swap CDP configuration, the system is safeguarded with backup processing to ensure that, should a computer be lost, the system will maintain uninterrupted processing and continue to provide accurate data for the safety of aircraft and airport personnel

Features

- Uninterrupted Power
- Multiple Language Support
- Multiple OS Support
- "Hot swap" processors (option)
- ATIS/AFTN/AMHS interface & others
- Ethernet connectivity
- Full ICAO/WMO logging/reporting
- Keyboard/Display Drawer
- Fully networkable and TCP/IP Compatible
- Latest Generation processor
- Large Storage and Memory Capacity
- Multiple Hard Drives
- Multiple Configurations
- RAID options
- Fiber Optic, copper and/or Wireless Configurations
- USB and Serial Interfaces
- WR CD / DVD
- Redundant Processing (option)
- Customizable at Customer's Request

Ordering Information

Part Number	Description
2090-I	Central Data Processor, includes server, monitor, keyboard, and mouse

Consult your Sales Representative for more information about customizable rack-mounted options with hot swap, Ethernet switches, terminal servers, uninterruptible power supplies, and other interfaces.

Specifications

Parameter	Specification
Motherboard	KD600-H110 <ul style="list-style-type: none">• 1 x RS-232/422/485 (RS-232 w/ power); 8 x RS-232• 2 x GbE (RJ-45)• 1 x RS-232/422/485 (RS-232 w/ power) (DB-9)• 1 x VGA, 1 x DVI-I (DVI-D signal), 1 x DP++
ATX Power Supply	500 W
CPU	Intel Core i5-6500 3.20GHz 6MB Quad Core Desktop LGA1151 Processor CPU SR2BX
DDR Memory	16GB, DDR4-2400 Non-ECC Unbuffered--2 x 16GB=32GB
Hard Drive	Seagate Bare Drives BarraCuda 1TB Internal Hard Drive HDD - 3.5 Inch SATA 6 Gb/s 7200 RPM 64MB Cache
Sound Card	Creative Sound Blaster Audigy FX PCIe 5.1
Other Drives	DVD RW, LG, 16X, BLACK, SLIM, GWA-4082N

Dimensions & Weights

Dimensions (4U)	18 cm x 48 cm 71 cm (7" H x 19" W x 28" D)
Weight	11.8 kg (26 lb)
Shipping Weight	12.7 kg (28 lb)