

PathTrak SBC2500

New Single Board Computer (SBC)



Key Benefits

- Enables older HCU to support MACTrak analysis and MACTrak Performance Monitoring features.
- No more unexpected HD fails (and associated system or monitoring downtime for repair/replacement)
- Reduced on-going service and repair costs
- Extended operational life for older HCU
- Standard on HCU-1500SS

Applications

- HCU OS and firmware storage
- Measurement data processing
- Provides flash only memory
- Replaces older SBC
- Supports the HCU400, HCU1500, HCU1500SS

Overview

JDSU have released a SBC upgrade kit for older HCU400 and HCU1500 chassis. The SBC kit contains a new, more reliable SBC with a considerable amount of on-board memory. The new SBC uses an SD card for OS and firmware storage eliminating the need for the existing hard drive (HD).

This upgrade can be installed in any vintage HCU400 or 1500 and will allow that unit to take full advantage of the advanced RPM3000, MACTrak, and PathTrak 4.x capabilities.

JDSU have also introduced a new model of HCU, the HCU1500SS (Solid State), which utilizes the same SBC2500. The HCU1500SS delivers all of the reliability benefits leveraged with SBC2500 while supporting the current RPM3000 and older RPM1000/2000 cards.

Specifications

Hardware (CPU)

800 MHz Freescale P2010 single-core processor
512KB L2 shared cache

HARDWARE (RAM)

1GB DDR3-800 memory
512KB non-volatile magneto resistive random access memory (MRAM)

HARDWARE (STORAGE)

1GB SD card (For operating system and firmware only)

HARDWARE (COMMUNICATIONS)

1 GigE Ethernet port
1 micro-DB9 RS-232 serial port (adapter cable included)

SOFTWARE (Operating System)

VxWorks version 6.8

SOFTWARE

Latest JDSU firmware

Ordering Information (New HCU)

HCU1500SS
Part Number 22035822

Ordering Information (Upgrade Kit)

HCU400-SBC-UPG : SBC (Single Board Computer) upgrade for the HCU400 and HCU1500
Part Number 22035823

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