LickAO Upgrade Computer
D. Palmer - 10/8/03

VME Backplane: in back of right rack, left electronics enclosure

Lgs7: PCI System: left rack, left electronics enclosure; Nexcom PCK600/620M chassis with NBP-2018 backplane

DMA Board:
- General Standards High-speed 64 Bit Parallel Digital I/O with TTL transceivers

DAC Boards:
- five UEI 32 Channel, 16 bit

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TT Mirror:
- 3" mirror mounted on Physik Instrumente 2-axis tilt platform; PZT actuators; 1200 Hz bandwidth

TT Sensor:
- Quad-cell photon-counting APD with +/-2 arcsec FOV

Shack-Hartmann WFS:
- 40 subapertures; AOA camera with Lincoln Labs 64x64 pixel CCD

DM:
- 127 actuators, 61 active; triangular pattern; electrostrictive (PMN) actuators

Laser Fast Steering Mirror

Ethernet (control, status, and telemetry data)