Central Processing Unit
U8
WD65C816S

Random Access Memory Lower
U1
AS6C8008
RAM0_EN

Flash Memory
SST39SF040
FLASH1_EN
FLASH2_EN
FLASH3_EN
FLASH4_EN

UART
U3
ACO-3.6864MHz
X1

Bank Address Latch
U11
74HCT245
U12
74HCT573

IDE Controller
All other glue logic
U13
8255

ISA Buses
J3 Bus_ISA_8bit
J7 Bus_ISA_8bit

Combined DMA, Interrupt Controller and Address Decoder
U10
ATF1508AS-PLCC84
J6
ATF15XX_JTAG_ISP

Supervisory Circuit
U9
DS1813
U2E
74HCT04
SW1
SW_Push

ATX power connector
J4
ATX-24
PWR_OK
PWR2201-20-5R0D
U18

65SIB Controller
U14
WD65C22

U19
GAL16V8

Clock Stretcher
U17
74HCT163
X2
ACO-24MHz

Random Access Memory Upper
U15
AS6C8008
RAM1_EN

USB Connector
J5
USB_B
C1 10 µF

65SIB Connector
J8
65SIB_Connector

USB Connection
U16
MCP2200-I-SO
C2 10 µF
D5 GREEN
D6 GREEN
R10 R
R11 R

X3
LM7905_TO220
ACO-14.31818MHz

IDE Connector
J1
40-pin IDE Connector
R12 330
D7 LED

Open source hardware