

Table of Contents

Chapter 1 Overview

Package Checklist.....	1
The CP31-AG Mainboard.....	2
Main Features	3
Advanced Features	5
Intel LANDesk Client Manager (optional)	6
LDCM Key Features	6

Chapter 2 Installation Procedures

Quick Reference	8
1). Set System Jumpers/Switches	10
Mainboard Layout	13
Clear CMOS: SW1-5	13
Clear Password: SW1-6	13
Flash ROM Type Selection: EP.....	14
Keyboard Wake-up Selection: KEY_WAKE	14
Onboard VGA Feature Selection: VGA_DIS	15
Onboard Audio Feature Selection: AUD_DIS.....	15
2). Install RAM Modules	16
SDRAM Memory	16
Install and Remove DIMMs	17
3). Install the CPU	18
CPU Internal Frequency Selection: SW-1/-2/-3/-4	19
4). Install Expansion Cards	20
5). Connect Cables and Power Supply.....	22
PS/2 Keyboard and Mouse Connector: KB and MS.....	22
Universal Serial Bus Connectors: USB0, USB1, USB2.....	23
Printer Connector: LPT	23
Serial Port Connectors: COM1, COM2.....	24
Video Graphics Accelerator Connector: VGA	24
Joystick/MIDI Connector: GAME.....	25
Audio I/O Jacks: L_IN, L_OUT, MIC_IN	25
CPU Fan Connector: CPU_FAN.....	26

CP31-AG Mainboard Manual

System Case Fan Connectors: CHS_FAN1, CHS_FAN2	26
Power Fan Connector: PWR_FAN	27
Wake-On-LAN Connector: WOL	27
Sytem Chassis Intrusion Alarm Connector: CHASSIS	27
ATX Power Connector: POWER	28
Floppy Diskette Drive Connector: FDD	28
CD-ROM Drive Audio-out Connector: CD_IN1, CD_IN2	29
IDE HDD Device Connectors: PRIMARY, SECONDARY	29
ATI Multimedial Channel Connector: AMC	30
Front Panel Block Connector	30
Infrared Connector: IR	31
Digital Front Panel Connector: DFP (optional)	32

Chapter 3 BIOS Setup

Main Setup	33
Advanced Setup	34
Security Setup	35
Exit Setup	36

Chapter 4 FAQs

General FAQs	37
BIOS FAQs	40
Windows 98 FAQs	41
Windows 95 FAQs	42
Intel CPU FAQs	43