

Contents

Chapter I: The Imagination of Youth.....	1
I. The “Tianhe-1” Attracted Worldwide Attention	2
II. The Invigorators of the “Eastern Lion”	7
III. The Courage of Youth	10
IV. Borrowing Chickens to Lay Eggs	14
V. The Prospective Vision	23
Chapter II: Cutting the Wrist Like a Warrior	28
I. Sleepless Nights in London	29
II. Innovation and Rejecting Inferior-Quality Products	32
III. Youth is Creation.....	38
IV. The Meritorious Statesman of the “Nuclear Bomb, Missile and Satellite” Plan	46
Chapter III: The Great Man Assigned Officers Tasks.....	51
I. The sound of spring	53
II. An Ambitious Promise	59
III. “The Imperial Sword”	66
IV. Seeking Speed from Innovation	71
V. The Yinhe-1’s Great Victory.....	85

Contents

VI. Goodbye, a Punching Bag of Depression	90
VII. A Monument	96
Chapter IV: Breaking the Blockade	101
I. Worries of the Yinhe Researches	102
II. Impressive Achievements.....	114
III. Leap into the Global Top Three	129
IV. Launching a Rocket in the Laboratory.....	140
Chapter V: Young and Vigorous Strategic Weapons in a New Era	166
I. The Launching of the 10-gigaflops Supercomputer Project.....	167
II. Adventure is an Opportunity to Achieve Leapfrog Development....	178
III. Dedication to Hong Kong Returning Home	192
IV. Weather Prediction System.....	200
Chapter VI: Planning Ahead	213
I. The Era of Parallel Computing.....	215
II. Decisive Occasion.....	222
III. China's Inception and World Initiation.....	228
Chapter VII: Time for a Decisive Battle	233
I. The "Roadrunner" Fired the First Shot in a Decisive Battle	235

Contents

II. The First Condition for a Decisive Battle: The "Chinese Core"	239
III. The Second Condition for a Decisive Battle: "Chinese Kylin"	252
IV. The Third Condition for a Decisive Battle: "China's First Network" ...	265
V. The Fourth Condition of the Decisive Battle: "China's Number One Supercomputer Team"	277
Chapter VIII: Standing on the Top	297
I. The Road to Surpassing the Competition	299
II. The Breakthroughs	310
III. Charging in All Directions	321
IV. Go Out of Asia.....	334
V. In Pursuit of a Greater Victory.....	340
VI. The Peak	348
Chapter IX: Championship and Dominant Strength	358
I. Tug-of-War for the Championship.....	359
II. Setting Out Again Quietly, Based on Past Peak Achievement	368
III. "Sprinting! Sprinting! Sprinting!"	378
IV. A Double-Standard Championship.....	386
V. Pillars of the Country.....	394
VI. Superhero	402