+44 20 8123 2220
info@marketpublishers.com

Thin Client Market by Form Factor (Standalone, With Monitor, and Mobile), Application (Enterprise, Government, Education, and Industrial), and Geography (Americas, Europe, Middle East & Africa, and Asia Pacific) - Global Forecast to 2023

https://marketpublishers.com/r/T656E068FE3EN.html
Date: January 2023
Pages: 215
Price: US$ 4,950.00 (Single User License)
ID: T656E068FE3EN

Abstracts

The thin client market is projected to reach USD 1.7 billion by 2028, growing at a CAGR of 3.1% from 2023 to 2028. This report covers key applications, namely, ITS, Education, BFSI, Industrial, Government, Healthcare, Retail, and Transportation.

“The mobile segment is projected to grow at a high CAGR in the market during the forecast period.”

Low lifecycle and operational costs to fuel demand for thin mobile clients. A thin mobile client is a laptop-like device that helps users to access a virtual desktop wherever they are located as long as they have an Internet or network connection. Mobile thin clients are flexible enough to deliver a secure user experience whether users are working from a corporate office or on the go. They exhibit low lifecycle and operational costs because they are energy-efficient and not overloaded with unnecessary features or functions.

“Asia Pacific to grow at the highest rate in the thin client market.”

China is estimated to hold the largest share in the thin client market, followed by Japan in the Asia Pacific. IoT has penetrated various verticals in the Asia Pacific, such as defense, automotive, aviation, manufacturing, healthcare, and food & beverage. IoT and 5G are among the major drivers for the growth of the thin client market. IoT and 5G integration in different sectors will help enterprises worldwide deploy, manage, and scale their businesses from a unified platform and remote locations. Since thin client

+44 20 8123 2220
info@marketpublishers.com

solutions work on enterprise servers, the industries will move towards virtual infrastructure.

The key players operating in the thin client market include HP (US), Dell Technologies (US), Centerm (China), IGEL (Germany), and Fujitsu (Japan), NComputing (US), Samsung (South Korea), LG Electronics (South Korea), Advantech Co., Ltd. (Taiwan), Lenovo (Hong Kong), Acer (Taiwan), Intel (US), 10ZiG (US), Siemens (Germany), Chip PC (Israel), Clearcube Technology (UK), VXL Technology (UK), Stratodesk Corp (US), OnLogic (US), Clientron Corp. (Taiwan), Arista Corporation (US), Thinvent (India), Seal Technologies (India), Atrust (Taiwan) and Praim (Italy). The thin client market has been segmented into form factor, application, and region.

Research Coverage:

This research report categorizes the thin client market on the basis of form factor, applications, and region. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the thin client market and forecasts the same till 2028. Apart from these, the report also consists of leadership mapping and analysis of all the companies included in the thin client ecosystem.

Key Benefits of Buying the Report

The report would help leaders/new entrants in this market in the following ways:
1. This report segments the thin client market comprehensively and provides the closest market size projection for all subsegments across different regions.
2. The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for market growth.
3. This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, product developments and launches, partnerships, and mergers and acquisitions.
4. The analysis of the top 25 companies, based on the market rank as well as the product footprint will help stakeholders visualize the market positioning of these key players.
5. Patent analysis, trade data, and technological trends that will shape the market in the coming years has also been covered in this report.

+44 20 8123 2220
info@marketpublishers.com

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES
1.2 MARKET DEFINITION
1.3 INCLUSIONS AND EXCLUSIONS
1.4 STUDY SCOPE
  1.4.1 MARKETS COVERED
FIGURE 1 THIN CLIENT MARKET SEGMENTATION
FIGURE 2 REGIONAL SCOPE
  1.4.2 YEARS CONSIDERED
1.5 CURRENCY CONSIDERED
1.6 LIMITATIONS
1.7 STAKEHOLDERS
1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA
FIGURE 3 THIN CLIENT MARKET: RESEARCH DESIGN
  2.1.1 SECONDARY AND PRIMARY RESEARCH
FIGURE 4 RESEARCH APPROACH
  2.1.2 SECONDARY DATA
    2.1.2.1 List of major secondary sources
    2.1.2.2 Key data from secondary sources
  2.1.3 PRIMARY DATA
    2.1.3.1 Breakdown of primaries
    2.1.3.2 Key data from secondary sources
    2.1.3.3 Primary interviews
    2.1.3.4 Key industry insights
2.2 MARKET SIZE ESTIMATION
  2.2.1 BOTTOM-UP APPROACH
    2.2.1.1 Approach to derive market size using bottom-up analysis (demand side)
FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH
  2.2.2 TOP-DOWN APPROACH
    2.2.2.1 Approach to derive market size using top-down analysis (supply side)
FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
FIGURE 7 MARKET SIZE ESTIMATION: RESEARCH METHODOLOGY

+44 20 8123 2220
info@marketpublishers.com

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
FIGURE 8 DATA TRIANGULATION
2.4 RESEARCH ASSUMPTIONS
FIGURE 9 ASSUMPTIONS
2.5 IMPACT OF RECESSION
2.6 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

3.1 GROWTH RATE ASSUMPTIONS/GROWTH FORECASTS
3.2 RECESSION ANALYSIS
FIGURE 10 GDP GROWTH PROJECTIONS TILL 2023 FOR MAJOR ECONOMIES
FIGURE 11 PROJECTIONS FOR THIN CLIENT MARKET, 2019–2028
FIGURE 12 PROJECTED YEARLY GROWTH TREND OF THIN CLIENT MARKET
TABLE 1 THIN CLIENT MARKET, 2019–2022 (USD MILLION)
TABLE 2 THIN CLIENT MARKET, 2023–2028 (USD MILLION)
FIGURE 13 THIN CLIENT MARKET, 2019–2028 (MILLION UNITS)
FIGURE 14 EDUCATION SEGMENT HELD LARGEST SHARE OF THIN CLIENT MARKET, BY APPLICATION, IN 2022
FIGURE 15 STANDALONE SEGMENT TO HOLD LARGEST SHARE OF THIN CLIENT MARKET, BY FORM FACTOR, DURING FORECAST PERIOD
FIGURE 16 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF THIN CLIENT MARKET IN 2022

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN THIN CLIENT MARKET
FIGURE 17 GROWING ADOPTION OF THIN CLIENTS TO REMOTELY ACCESS CENTRALIZED DATA
4.2 THIN CLIENT MARKET, BY FORM FACTOR
FIGURE 18 STANDALONE SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2023
4.3 THIN CLIENT MARKET, BY APPLICATION
FIGURE 19 EDUCATION SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD
4.4 THIN CLIENT MARKET, BY REGION
FIGURE 20 ASIA PACIFIC TO WITNESS SIGNIFICANT GROWTH DURING FORECAST PERIOD
4.5 ASIA PACIFIC THIN CLIENT MARKET, BY APPLICATION AND COUNTRY

+44 20 8123 2220
info@marketpublishers.com

FIGURE 21 EDUCATION SEGMENT AND CHINA HELD LARGEST SHARES OF ASIA PACIFIC THIN CLIENT MARKET IN 2022
4.6 THIN CLIENT MARKET, BY COUNTRY
FIGURE 22 CHINA TO REGISTER HIGHEST CAGR IN THIN CLIENT MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION
5.2 MARKET DYNAMICS
FIGURE 23 THIN CLIENT MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES
FIGURE 24 THIN CLIENT MARKET: IMPACT OF DRIVERS
5.2.1 DRIVERS
5.2.1.1 Rising adoption of cloud-based services
5.2.1.2 Cost-effectiveness associated with deployment of thin clients
5.2.1.3 Growing need for digitalization in education sector
5.2.1.4 Shift from traditional to smart manufacturing in industrial sector
FIGURE 25 GLOBAL SMART MANUFACTURING MARKET (USD BILLION)
5.2.1.5 Advancements in healthcare infrastructure
5.2.2 RESTRAINTS
FIGURE 26 THIN CLIENT MARKET: IMPACT OF RESTRAINTS
5.2.2.1 System compatibility issues and dependency on centralized network
5.2.3 OPPORTUNITIES
FIGURE 27 THIN CLIENT MARKET: IMPACT OF OPPORTUNITIES
5.2.3.1 Rising investments in data centers by leading corporations
5.2.3.2 Growing digitization of financial sector
5.2.4 CHALLENGES
FIGURE 28 THIN CLIENT MARKET: IMPACT OF CHALLENGES
5.2.4.1 Lack of skilled personnel for implementing virtualization systems
5.2.4.2 Creation of network traffic while managing enormous number of devices and data
5.3 VALUE CHAIN ANALYSIS
FIGURE 29 THIN CLIENT MARKET: VALUE CHAIN ANALYSIS
5.4 ECOSYSTEM ANALYSIS
FIGURE 30 THIN CLIENT MARKET: ECOSYSTEM ANALYSIS
TABLE 3 THIN CLIENT MARKET: ROLE OF COMPANIES IN ECOSYSTEM
5.5 TRENDS IMPACTING CUSTOMERS' BUSINESSES
FIGURE 31 REVENUE SHIFT IN THIN CLIENT MARKET

+44 20 8123 2220
info@marketpublishers.com

5.6 PORTER’S FIVE FORCES ANALYSIS
TABLE 4 THIN CLIENT MARKET: PORTER’S FIVE FORCES ANALYSIS
5.7 KEY STAKEHOLDERS AND BUYING CRITERIA
5.7.1 KEY STAKEHOLDERS IN BUYING PROCESS
FIGURE 32 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION
TABLE 5 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION (%)
5.7.2 BUYING CRITERIA
FIGURE 33 KEY BUYING CRITERIA, BY APPLICATION
TABLE 6 KEY BUYING CRITERIA, BY APPLICATION
5.8 PRICING ANALYSIS
FIGURE 34 AVERAGE SELLING PRICE OF THIN CLIENTS, BY FORM FACTOR
TABLE 7 AVERAGE SELLING PRICE OF THIN CLIENTS, BY COMPANY
5.9 CASE STUDY ANALYSIS
TABLE 8 UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE TURNED TRADITIONAL PC ENVIRONMENT INTO VIRTUAL WORKSTATION FLEET
TABLE 9 ADVANTECH CO., LTD. HELPED BAT SET UP SMART FACTORY SOLUTIONS
TABLE 10 MINOOKA COMMUNITY CONSOLIDATED SCHOOL DISTRICT DEPLOYED HP’S THIN CLIENTS
TABLE 11 10ZIG HELPED CONESTOGA TO ACHIEVE GOAL OF WORKSTATIONS OF REPORTING EACH STEP IN MANUFACTURING PROCESS
TABLE 12 CENTERM HELPED CAIXA BANK IMPROVE EFFICIENCY AND SECURITY LEVEL
5.10 TECHNOLOGY ANALYSIS
5.10.1 COMPLIMENTARY TECHNOLOGY
5.10.1.1 Artificial Intelligence (AI) and Machine Learning (ML)
5.10.1.2 Big data
5.10.2 ADJACENT TECHNOLOGY
5.10.2.1 Cloud computing
5.10.2.2 PC-over-IP (PCoIP)
5.11 PATENT ANALYSIS
FIGURE 35 THIN CLIENT MARKET: PATENT ANALYSIS
TABLE 13 PATENTS RELATED TO THIN CLIENT MARKET
5.12 KEY CONFERENCES AND EVENTS, 2023–2024
TABLE 14 THIN CLIENT MARKET: DETAILED LIST OF CONFERENCES AND EVENTS
5.13 REGULATORY LANDSCAPE

+44 20 8123 2220
info@marketpublishers.com

5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 15 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 16 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 17 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 18 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
5.13.2 REGULATORY LANDSCAPE
5.13.2.1 US regulations
5.13.2.1.1 The Gramm-Leach-Bliley Act
5.13.2.1.2 California Consumer Privacy Act
5.13.2.1.3 Anticybersquatting Consumer Protection Act
5.13.2.1.4 Health Insurance Portability and Accountability Act (HIPAA)
5.13.2.1.5 Family Educational Rights and Privacy Act (FERPA)
5.13.2.1.6 The FTC’s Fair Information Practice
5.13.2.2 EU regulations
5.13.2.2.1 General Data Protection Regulation
5.13.3 STANDARDS
5.13.3.1 CEN/ISO
5.13.3.2 ISO/IEC JTC 1
5.13.3.2.1 ISO/IEC JTC 1/SC 31
5.13.3.2.2 ISO/IEC JTC 1/SC 27
5.13.3.3 Payment Card Industry Data Security Standard
5.13.3.4 European Technical Standards Institute (ETSI)
5.13.3.5 Institute of Electrical and Electronics Engineers Standards Association (IEEE)
5.13.4 TARIFF ANALYSIS
TABLE 19 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY US, 2021
TABLE 20 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY CHINA, 2021
TABLE 21 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY GERMANY, 2021
5.14 TRADE ANALYSIS
TABLE 22 EXPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017–2021 (USD MILLION)

+44 20 8123 2220
info@marketpublishers.com

FIGURE 36 EXPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017–2021 (USD MILLION)
TABLE 23 IMPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017–2021 (USD MILLION)
FIGURE 37 IMPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017–2021 (USD MILLION)

6 THIN CLIENT MARKET, BY FORM FACTOR

6.1 INTRODUCTION
FIGURE 38 THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028
6.2 STANDALONE
  6.2.1 INCREASING FOCUS ON UPGRADING TRADITIONAL PCS TO BOOST ADOPTION OF STANDALONE THIN CLIENTS
  6.2.2 CASE STUDY: AGRICULTURE BANK OF CHINA (ABC) REPLACED PCS WITH CENTERM'S THIN CLIENTS TO ACHIEVE HIGH EFFICIENCY
6.3 WITH MONITOR
  6.3.1 LESS OPERATING COST TO FUEL ADOPTION OF THIN CLIENTS WITH MONITORS
  6.3.2 CASE STUDY: IGEL AND LG COLLABORATED TO IMPROVE DIGITAL EXPERIENCE FOR KALEIDA HEALTH
6.4 MOBILE
  6.4.1 LOW LIFECYCLE AND OPERATIONAL COSTS TO FUEL DEMAND FOR MOBILE THIN CLIENTS
  6.4.2 CASE STUDY: ATRUST MOBILE THIN CLIENT HELPED VITAL-NET, INC. PROVIDE FLEXIBILITY AND MOBILITY
TABLE 24 THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 25 THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)

7 THIN CLIENT MARKET, BY APPLICATION

7.1 INTRODUCTION
FIGURE 39 THIN CLIENT MARKET, BY APPLICATION, 2023–2028
TABLE 26 THIN CLIENT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)
TABLE 27 THIN CLIENT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)
7.2 INFORMATION AND TECHNOLOGY SERVICES (ITS)
  7.2.1 GROWING DATA SECURITY CONCERNS IN ENTERPRISES
  7.2.2 CASE STUDY: CALFORD SEADEN SWITCHED TO VIRTUAL DESKTOP ENVIRONMENT AS IT SAVES ENERGY COSTS

+44 20 8123 2220
info@marketpublishers.com

TABLE 28 ITS: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 29 ITS: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)
TABLE 30 ITS: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 31 ITS: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)
7.3 GOVERNMENT
7.3.1 GROWING NEED FOR DATA SECURITY
7.3.2 CASE STUDY: DEPLOYMENT OF BREEZE INNOVATIONS' THIN CLIENTS AT PASSENGER RESERVATION SYSTEMS (PRSS) IN INDIA
TABLE 32 GOVERNMENT: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 33 GOVERNMENT: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)
TABLE 34 GOVERNMENT: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 35 GOVERNMENT: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)
7.4 EDUCATION
7.4.1 HIGH MAINTENANCE COSTS ASSOCIATED WITH COMPUTERS
7.4.2 CASE STUDY: CLYDEBANK COLLEGE COLLABORATED WITH DEVON IT TO DEPLOY THIN CLIENTS TO OFFER STUDENTS VIRTUAL INFRASTRUCTURE
TABLE 36 EDUCATION: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 37 EDUCATION: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)
TABLE 38 EDUCATION: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 39 EDUCATION: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)
7.5 INDUSTRIAL
7.5.1 RISING ADOPTION OF SMART MANUFACTURING TO REDUCE COSTS AND INCREASE MANUFACTURING AND TRANSPORTATION EFFICIENCY
7.5.2 CASE STUDY: ADVANTECH CO., LTD. HELPED BAT SET UP SMART FACTORY SOLUTIONS
TABLE 40 INDUSTRIAL: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 41 INDUSTRIAL: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)

+44 20 8123 2220
info@marketpublishers.com

TABLE 42 INDUSTRIAL: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD THOUSAND)
TABLE 43 INDUSTRIAL: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD THOUSAND)
7.6 HEALTHCARE
7.6.1 DIGITAL ADVANCEMENTS IN HEALTHCARE INFRASTRUCTURE
7.6.2 CASE STUDY: VXL TECHNOLOGY HELPED PIEDMONT HEALTHCARE STREAMLINE DATABASE MANAGEMENT SYSTEM
TABLE 44 HEALTHCARE: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 45 HEALTHCARE: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)
TABLE 46 HEALTHCARE: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 47 HEALTHCARE: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)
7.7 RETAIL
7.7.1 GROWING USE OF THIN CLIENTS IN POINT-OF-SALE KIOSKS
7.7.2 CASE STUDY: WAGELA HELPED RETAIL CHAIN UPGRADE EXISTING THIN CLIENTS ACROSS ALL LOCATIONS
TABLE 48 RETAIL: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD THOUSAND)
TABLE 49 RETAIL: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD THOUSAND)
TABLE 50 RETAIL: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD THOUSAND)
TABLE 51 RETAIL: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD THOUSAND)
7.8 BFSI
7.8.1 GROWING USE OF THIN CLIENTS IN BFSI SECTOR TO ACHIEVE HIGH SECURITY
7.8.2 CASE STUDY: CENTERM’S THIN CLIENTS IMPROVED OPERATIONAL EFFICIENCY AND SAVED COSTS FOR OCBC BANK
TABLE 52 BFSI: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD MILLION)
TABLE 53 BFSI: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD MILLION)
TABLE 54 BFSI: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 55 BFSI: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)

+44 20 8123 2220
info@marketpublishers.com

7.9 TRANSPORTATION
7.9.1 RISING USE OF THIN CLIENT-BASED INTELLIGENT TRANSPORTATION SYSTEMS
TABLE 56 TRANSPORTATION: THIN CLIENT MARKET, BY FORM FACTOR, 2019–2022 (USD THOUSAND)
TABLE 57 TRANSPORTATION: THIN CLIENT MARKET, BY FORM FACTOR, 2023–2028 (USD THOUSAND)
TABLE 58 TRANSPORTATION: THIN CLIENT MARKET, BY REGION, 2019–2022 (USD THOUSAND)
TABLE 59 TRANSPORTATION: THIN CLIENT MARKET, BY REGION, 2023–2028 (USD THOUSAND)

8 THIN CLIENT MARKET, BY REGION

8.1 INTRODUCTION
FIGURE 40 ASIA PACIFIC THIN CLIENT MARKET TO GROW AT SIGNIFICANT RATE FROM 2023 TO 2028
TABLE 60 THIN CLIENT MARKET, BY REGION, 2019–2022 (USD MILLION)
TABLE 61 THIN CLIENT MARKET, BY REGION, 2023–2028 (USD MILLION)
8.2 NORTH AMERICA
8.2.1 NORTH AMERICA: RECESSION IMPACT
FIGURE 41 NORTH AMERICA: SNAPSHOT OF THIN CLIENT MARKET
TABLE 62 NORTH AMERICA: THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)
TABLE 63 NORTH AMERICA: THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)
TABLE 64 NORTH AMERICA: THIN CLIENT MARKET, BY APPLICATION, 2019–2022 (USD THOUSAND)
TABLE 65 NORTH AMERICA: THIN CLIENT MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)
8.2.2 US
8.2.2.1 Growing need for smart infrastructure and rising adoption of advanced technologies
8.2.2.2 Case Study: HP’s thin clients support Kindred in providing efficient, high-quality care
8.2.3 CANADA
8.2.3.1 Rising shift toward automation of IT service operations
8.2.3.2 Case Study: JIG Technologies helped Terry Fox Foundation perform regular hardware and software upgrades and replace old PCs and servers

+44 20 8123 2220
info@marketpublishers.com

8.2.4 MEXICO
8.2.4.1 Rising digital infrastructure development
8.2.4.2 Increasing investments in data centers with growing adoption of cloud computing
TABLE 66 ITS: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 67 ITS: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 68 EDUCATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 69 EDUCATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 70 BFSI: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 71 BFSI: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 72 INDUSTRIAL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 73 INDUSTRIAL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 74 GOVERNMENT: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 75 GOVERNMENT: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 76 HEALTHCARE: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 77 HEALTHCARE: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 78 RETAIL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 79 RETAIL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 80 TRANSPORTATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 81 TRANSPORTATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
8.3 EUROPE
8.3.1 EUROPE: RECESSION IMPACT
FIGURE 42 EUROPE: SNAPSHOT OF THIN CLIENT MARKET

+44 20 8123 2220
info@marketpublishers.com

TABLE 82 EUROPE: THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)
TABLE 83 EUROPE: THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)
TABLE 84 EUROPE: THIN CLIENT MARKET, BY APPLICATION, 2019–2022 (USD THOUSAND)
TABLE 85 EUROPE: THIN CLIENT MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)
8.3.2 UK
8.3.2.1 Increasing remote/hybrid initiatives by organizations
8.3.2.2 Case Study: Getech made strategic shift to AVD on IGEL OS-powered LG thin client desktops
8.3.3 GERMANY
8.3.3.1 Technological advancements in digital technologies
8.3.3.2 Government-led initiatives for digital transformation
8.3.4 FRANCE
8.3.4.1 Increasing digital transformation
8.3.5 REST OF EUROPE
TABLE 86 ITS: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 87 ITS: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 88 EDUCATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 89 EDUCATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 90 BFSI: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 91 BFSI: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 92 INDUSTRIAL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 93 INDUSTRIAL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 94 GOVERNMENT: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 95 GOVERNMENT: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 96 HEALTHCARE: EUROPE THIN CLIENT MARKET, BY COUNTRY,

+44 20 8123 2220
info@marketpublishers.com

2019–2022 (USD THOUSAND)
TABLE 97 HEALTHCARE: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 98 RETAIL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 99 RETAIL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 100 TRANSPORTATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 101 TRANSPORTATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
8.4 ASIA PACIFIC
8.4.1 ASIA PACIFIC: RECESSION IMPACT
FIGURE 43 ASIA PACIFIC: SNAPSHOT OF THIN CLIENT MARKET
TABLE 102 ASIA PACIFIC: THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)
TABLE 103 ASIA PACIFIC: THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)
TABLE 104 ASIA PACIFIC: THIN CLIENT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)
TABLE 105 ASIA PACIFIC: THIN CLIENT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)
8.4.2 CHINA
8.4.2.1 Increasing focus on cloud computing and smart infrastructure
8.4.2.2 Case Study: Agriculture Bank of China replaced PCs with Centerm’s thin clients for higher efficiency
8.4.3 JAPAN
8.4.3.1 Rising investments and adoption of cloud services
8.4.3.2 Case Study: Atrust Mobile’s thin client provides flexibility and mobility for Vital-Net, Inc.
8.4.4 INDIA
8.4.4.1 Increasing public–private investments under Make in India initiative
8.4.4.2 Case Study: Deployment of Breeze thin clients at unreserved ticketing System (UTS) of India Railways
8.4.5 SOUTH KOREA
8.4.5.1 Advancements in cellular technologies
8.4.6 REST OF ASIA PACIFIC
TABLE 106 ITS: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)

+44 20 8123 2220
info@marketpublishers.com

TABLE 107 ITS: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 108 EDUCATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 109 EDUCATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 110 BFSI: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 111 BFSI: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 112 INDUSTRIAL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 113 INDUSTRIAL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 114 GOVERNMENT: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 115 GOVERNMENT: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 116 HEALTHCARE: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 117 HEALTHCARE: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 118 RETAIL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 119 RETAIL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 120 TRANSPORTATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 121 TRANSPORTATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
8.5 ROW
8.5.1 ROW: RECESSION IMPACT
TABLE 122 ROW: THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)
TABLE 123 ROW: THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)
TABLE 124 ROW: THIN CLIENT MARKET, BY APPLICATION, 2019–2022 (USD THOUSAND)
TABLE 125 ROW: THIN CLIENT MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)
8.5.2 MIDDLE EAST & AFRICA

+44 20 8123 2220
info@marketpublishers.com

8.5.2.1 Increasing industrial automation
8.5.2.2 Growing adoption of advanced technologies
8.5.3 SOUTH AMERICA
8.5.3.1 Rising adoption of managed services
TABLE 126 ITS: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 127 ITS: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 128 EDUCATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 129 EDUCATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 130 BFSI: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 131 BFSI: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 132 INDUSTRIAL: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 133 INDUSTRIAL: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 134 GOVERNMENT: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 135 GOVERNMENT: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 136 HEALTHCARE: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 137 HEALTHCARE: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 138 RETAIL: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 139 RETAIL: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)
TABLE 140 TRANSPORTATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2019–2022 (USD THOUSAND)
TABLE 141 TRANSPORTATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2023–2028 (USD THOUSAND)

9 COMPETITIVE LANDSCAPE

+44 20 8123 2220
info@marketpublishers.com

9.1 OVERVIEW
9.1.1 OVERVIEW OF KEY GROWTH STRATEGIES ADOPTED BY MAJOR COMPANIES
TABLE 142 OVERVIEW OF KEY GROWTH STRATEGIES ADOPTED BY MAJOR COMPANIES
9.2 THIN CLIENT MARKET: REVENUE ANALYSIS
FIGURE 44 THREE-YEAR REVENUE ANALYSIS OF TOP FIVE PLAYERS IN THIN CLIENT MARKET
9.3 MARKET SHARE ANALYSIS (2022)
TABLE 143 THIN CLIENT MARKET: MARKET SHARE ANALYSIS
9.4 COMPANY EVALUATION QUADRANT, 2022
9.4.1 STARS
9.4.2 EMERGING LEADERS
9.4.3 PERVASIVE PLAYERS
9.4.4 PARTICIPANTS
FIGURE 45 THIN CLIENT MARKET (GLOBAL): KEY COMPANY EVALUATION QUADRANT, 2022
9.5 COMPETITIVE BENCHMARKING
TABLE 144 THIN CLIENT MARKET: DETAILED LIST OF KEY STARTUPS/SMES
TABLE 145 THIN CLIENT MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES
9.6 SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION QUADRANT, 2022
9.6.1 PROGRESSIVE COMPANIES
9.6.2 RESPONSIVE COMPANIES
9.6.3 DYNAMIC COMPANIES
9.6.4 STARTING BLOCKS
FIGURE 46 THIN CLIENT MARKET (GLOBAL): SME EVALUATION QUADRANT, 2022
TABLE 146 THIN CLIENT MARKET: COMPANY FOOTPRINT
TABLE 147 THIN CLIENT MARKET: FORM FACTOR FOOTPRINT
TABLE 148 THIN CLIENT MARKET: APPLICATION FOOTPRINT
TABLE 149 THIN CLIENT MARKET: REGIONAL FOOTPRINT
9.7 COMPETITIVE SCENARIOS AND TRENDS
9.7.1 PRODUCT LAUNCHES
TABLE 150 THIN CLIENT MARKET: PRODUCT LAUNCHES, APRIL 2018–AUGUST 2022
9.7.2 DEALS
TABLE 151 THIN CLIENT MARKET: DEALS, JUNE 2018–NOVEMBER 2022

+44 20 8123 2220
info@marketpublishers.com

10 COMPANY PROFILES

(Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)*

10.1 KEY PLAYERS
10.1.1 HP INC.
TABLE 152 HP INC.: COMPANY OVERVIEW
FIGURE 47 HP INC.: COMPANY SNAPSHOT
TABLE 153 HP INC.: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 154 HP INC.: PRODUCT LAUNCHES
TABLE 155 HP INC.: DEALS
10.1.2 DELL TECHNOLOGIES
TABLE 156 DELL TECHNOLOGIES: COMPANY OVERVIEW
FIGURE 48 DELL TECHNOLOGIES: COMPANY SNAPSHOT
TABLE 157 DELL TECHNOLOGIES: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 158 DELL TECHNOLOGIES: PRODUCT LAUNCHES
10.1.3 IGEL
TABLE 159 IGEL: COMPANY OVERVIEW
TABLE 160 IGEL: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 161 IGEL: DEALS
10.1.4 CENTERM
TABLE 162 CENTERM: COMPANY OVERVIEW
TABLE 163 CENTERM: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 164 CENTERM: DEALS
10.1.5 FUJITSU
TABLE 165 FUJITSU: COMPANY OVERVIEW
FIGURE 49 FUJITSU: COMPANY SNAPSHOT
TABLE 166 FUJITSU: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 167 FUJITSU.: PRODUCT LAUNCHES
10.1.6 NCOMPUTING
TABLE 168 NCOMPUTING: COMPANY OVERVIEW
TABLE 169 NCOMPUTING: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 170 NCOMPUTING: PRODUCT LAUNCHES
TABLE 171 NCOMPUTING: DEALS
10.1.7 SAMSUNG
TABLE 172 SAMSUNG: COMPANY OVERVIEW
FIGURE 50 SAMSUNG: COMPANY SNAPSHOT

+44 20 8123 2220
info@marketpublishers.com

TABLE 173 SAMSUNG: PRODUCTS/SERVICES/SOLUTIONS OFFERED
10.1.8 ADVANTECH CO., LTD.
TABLE 174 ADVANTECH CO., LTD.: COMPANY OVERVIEW
FIGURE 51 ADVANTECH CO., LTD.: COMPANY SNAPSHOT
TABLE 175 ADVANTECH CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS OFFERED
10.1.9 LENOVO
TABLE 176 LENOVO: COMPANY OVERVIEW
FIGURE 52 LENOVO: COMPANY SNAPSHOT
TABLE 177 LENOVO: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 178 LENOVO: DEALS
10.1.10 INTEL CORPORATION
TABLE 179 INTEL CORPORATION: COMPANY OVERVIEW
FIGURE 53 INTEL CORPORATION: COMPANY SNAPSHOT
TABLE 180 INTEL: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 181 INTEL: DEALS
10.1.11 10ZIG TECHNOLOGY
TABLE 182 10ZIG TECHNOLOGY: COMPANY OVERVIEW
TABLE 183 10ZIG TECHNOLOGY: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 184 10ZIG TECHNOLOGY: PRODUCT LAUNCHES
TABLE 185 10ZIG TECHNOLOGY: DEALS
10.1.12 LG ELECTRONICS
TABLE 186 LG ELECTRONIC: COMPANY OVERVIEW
FIGURE 54 LG ELECTRONICS: COMPANY SNAPSHOT
TABLE 187 LG ELECTRONICS: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 188 LG ELECTRONICS: PRODUCT LAUNCHES
TABLE 189 LG ELECTRONICS: DEALS
10.1.13 ACER
TABLE 190 ACER: COMPANY OVERVIEW
FIGURE 55 ACER: COMPANY SNAPSHOT
TABLE 191 ACER: PRODUCT LAUNCHES
10.1.14 SIEMENS
TABLE 192 SIEMENS: COMPANY OVERVIEW
FIGURE 56 SIEMENS: COMPANY SNAPSHOT
TABLE 193 SIEMENS: PRODUCTS/SERVICES/SOLUTIONS OFFERED
10.1.15 CHIP PC
TABLE 194 CHIP PC: COMPANY OVERVIEW
TABLE 195 CHIP PC: PRODUCTS/SERVICES/SOLUTIONS OFFERED
10.2 OTHER PLAYERS
10.2.1 CLEARCUBE TECHNOLOGY

+44 20 8123 2220
info@marketpublishers.com

10.2.2 ONLOGIC
10.2.3 CLIENTRON CORP.
10.2.4 THINVENT
10.2.5 PRAIM
10.2.6 ATRUST COMPUTER CORPORATION
10.2.7 VXL TECHNOLOGY
10.2.8 STRATODESK CORPORATION
10.2.9 ARISTA CORPORATION
10.2.10 SEAL TECHNOLOGIES

Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats) might not be captured in case of unlisted companies.

11 APPENDIX

11.1 DISCUSSION GUIDE
11.2 KNOWLEDGESTORE: MARKETSANDMARKETS’ SUBSCRIPTION PORTAL
11.3 CUSTOMIZATION OPTIONS
11.4 RELATED REPORTS
11.5 AUTHOR DETAILS

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Thin Client Market by Form Factor (Standalone, With Monitor, and Mobile), Application (Enterprise, Government, Education, and Industrial), and Geography (Americas, Europe, Middle East & Africa, and Asia Pacific) - Global Forecast to 2023

Product link: https://marketpublishers.com/r/T656E068FE3EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/T656E068FE3EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970