Key Benefits

- – High-performance chipsets made by leading vendors: Marvell, Texas Instruments, Freescale (ARM architecture).
- – Access to Citrix, Microsoft and VMWare VDI virtual environments as well as to cloud services
- – Remote management system Eltex.ACS
- – Easy and intuitive interface
- – Power Dissipation up to 10W
- – ViPNet Client certificated
- – Low cost
- – Flexible thin client adaptation for client requirements
- – Manufacturer's work experience with complex solutions

Hardware advantages

The key advantage of a thin client are its reliability due to the modern and efficient CPU architecture

Unlimited infrastructure possibilities

We are working together with the world leaders in virtualization software such as Microsoft, Citrix and VMWare, so that our thin clients can be a fully featured solution for your IT-infrastructure

Information security

Integrated security measures by the market leaders such as ViPNet, RuToken and eToken make TC suitable for government and corporate workstations with high security requirements, and help to save on information security.
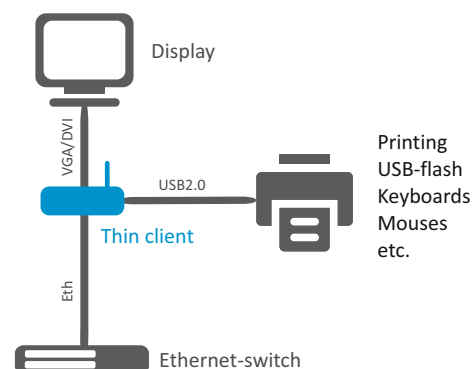
Universal solution

Our main priority when developing thin clients is to create a safe, certified, flexible and scalable integrated hardware and software system. Compared to existing solutions, our TC is more flexible, universal and has the ability to adapt to your requirements.

Easy to manage [1]

The ACS automatic configuration server is designed for the easy and automated configuration of customer devices (CPE) via the protocol, corresponding to the TR-069 standard, and allowing the service provider to manage customer devices from a single location via the global network.

Application

A thin client is a disk-less compact computer, providing access to a terminal server or datacenter. The usual peripheral devices such as mouse, keyboard, monitor or printer are connected to the thin client via USB ports allowing for workstation functional diversity. Thin clients use LAN to connect to a server, which has all the necessary software installed. The server also stores all the required data and performs all the data processing.

[1] For TC-10/20 thin clients

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Specifications

	TC-10	TC-20	TC-50
System			
Processor	Marvell Armada 510, 933 MHz ARM	TI DM8148 SoC, 1ГГц ARM, 750MHz DSP	Freescale i.MX 6Quad, 1GHz ARM
Core	1xARMv7	1xARM Cortex-A8	4xARM Cortex-A9
RAM	1 GB DDR3@400 MHz	1 ГБ DDR3@533 MHz	2 ГБ DDR3@533 MHz
Flash memory	1 GB NAND flash	1 GB NAND flash	8 GB eMMC (16 GB)[1]
OS	Linux	Linux	Linux
Audio	Realtek RT-5621	TLV320AIC3104(TI)	TLV320AIC3104(TI)
Graphics	Integrated in SOC	Integrated in SOC	Integrated in SOC
Display	up to 1920x1200@60Hz; color depth: 8, 15, 16, 24 bpp	up to 1920x1200@60Hz; color depth: 8, 15, 16, 24 bpp	up to 1920x1200@60Hz; color depth: 8, 15, 16, 24 bpp
Interfaces			
USB 2.0	5	5	5
SD Card Reader	●	●	●
LAN 10/100/1000Base-T	1	1	1
Wi-Fi (IEEE 802.11b/g/n, to 150 Mbps)	external single antenna[2]	external single antenna[2]	internal single antenna[2]
DVI-I port. Supports dual high-resolution displays	1	1	1
Output: 1/8-inch mini jack Input: 1/8-inch mini jack, microphone	1	1	1
Bluetooth 4.0			●
Features			
Browser	●	●	●
Remote Configuring and Software Updating	●	●	
Free RDP	v7.0	v7.0	v7.0
PCoIP (VMware)	View Client 1.7.0	View Client 1.7.0	View Client 1.7.0
ICA (Citrix)	Ready	Premium[3]	Premium[3]
Multimedia		●	●
Videoconference		●	●
WEB client			●
Local Services (Office, Multimedia)			●

Physical and Environmental Specifications
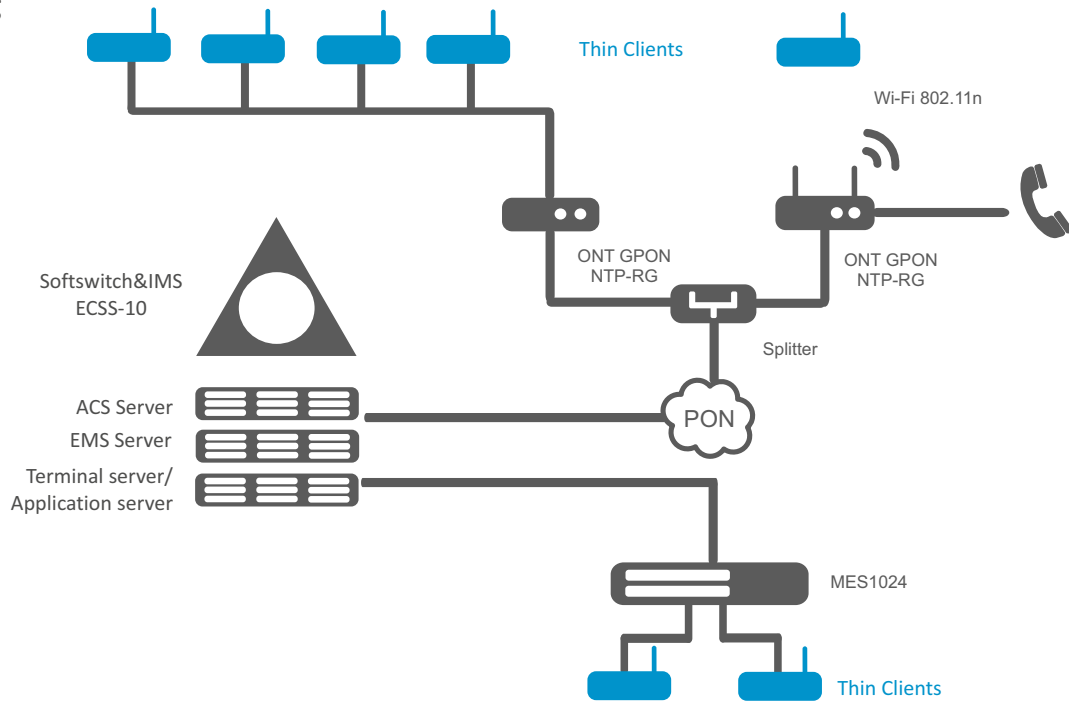
Power supply	12V DC, 1,5A
Power Dissipation	up to 10W
Operating temperature	+5°C to +40°C
Relative humidity operating	to 80% (noncondensing)
Demensions (WxHxD), mountings	168x111x36 mm, horizontal stand, VESA mounting bracket, Optional vertical stand

[1] Modification
[2] Optional
[3] Integrating

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Scheme of using

Ordering Information

Name	Description	Picture
TC-10	Thin client, ARM Marvell Armada, 1 GB RAM, 1 GB NAND Flash, 1 mini PCIe, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Mbps)	
TC-10W	Thin client, ARM Marvell Armada, 1 GB RAM, 1 GB NAND Flash, 1 mini PCIe, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Mbps), Wi-Fi 802.11 b/g/n (to 150 Mbps)	
TC-20	Thin client, DM8148 TI, 1 GB RAM, 1 ГВ NAND Flash, 1 mini PCIe, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Мбит/с)	
TC-20W	Thin client, DM8148 TI, 1 GB RAM, 1 ГВ NAND Flash, 1 mini PCIe, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Mbps), Wi-Fi 802.11 b/g/n (to 150 Mbps)	
TC-50	Smart client, 2 GB RAM, 8 GB eMMC, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Mbps)	
TC-50W	Smart client, 2 GB RAM, 8 GB eMMC, 5 USB 2.0, 1 SDHC, 1 RJ-45 (10/100/1000Mbps), Bluetooth 4.0, Wi-Fi 802.11 b/g/n (to 150 Mbps)	

Software

ACS-CPE-512	Eltex.ACS system option ACS-CPE-512 for managment and autoconfiguration Eltex CPE: 512 CPE	
ACS-CPE-1024	Eltex.ACS system option ACS-CPE-1024 for managment and autoconfiguration Eltex CPE: 1024 CPE	

About us

"Eltex Alatau" company is one of the first communication equipment manufacturers in Kazakhstan established in 2012. The main focus of the enterprise is a set of solutions and the opportunity of their seamless connection to the customer's infrastructure.

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