

# LQ44 Thin Client

High Performance Thin Computing



Front View

Rear Panel

The high-performance, Itona LQ series thin client range provides a complete desktop experience with superior multi-media and graphics capabilities. Incorporating the latest AMD Kabini SoC quad-core platform with built-in Radeon HD 8330 GPU, the LQ series include Display and HDMI Ports and two USB 3.0 ports for SuperSpeed data transfer.

The LQ series is not only powerful and feature-rich, but is also environmentally-friendly and durable. The efficient external power supply combined with fan-less design ensures low and reliable power consumption with virtually silent operation.

Incorporating an impressive three-year warranty backed by a comprehensive worldwide support network, the LQ series also supports Fusion Universal Device Manager (UDM) Professional software which comes as standard.

The Itona LQ series represents an unbeatable combination of affordability, quality, performance and service.

## Key Features

- Windows Embedded Standard 7 SP1 (WES7-E) 64 Bit
- AMD Kabini A4-5000 Quad Core SoC for a rich multimedia and graphics experience
- Built-in Radeon HD 8330 graphics processor
- Highly reliable design
- RAM: DDR3 1600/1333 MHz through 2 x SO-DIMM slot
- Four USB 2.0 ports (2 Front/2 Rear)
- Two SuperSpeed USB 3.0 ports (Rear)
- Built-in Gigabit Ethernet networking
- Dual display support with a maximum resolution of 1920 x 1200 @ 32 bpp
- Built-in speaker
- VESA mounting pack available as a option
- Fusion Universal Device Manager Professional included
- Energy Star



## Technical specification

### Operating System

- Windows Embedded Standard 7 SP1 (WES7-E) 64 Bit

### Processor

- AMD Kabini A4-5000 Quad Core 1.5 GHz SoC
- 2MB shared L2 Cache
- Built-in Radeon HD 8330 Graphics Processor

### System Memory

- RAM : 4 GB DDR3 1333 MHz SO-DIMM. upgradable upto 8 GB (with two SODIMM Slot)
- Flash: 16 GB  
(Flash with higher capacities are available)

### Display Support

- Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Dual monitors supported with two independent full resolution
- Display Resolution (Max):  
VGA : 1920 x 1200 , 60 Hz 16/32 bit colour  
HDMI: 1920 x 1200 , 60 Hz 16/32 bit colour  
DP : 2560 x 1600 , 60 Hz 16/32 bit colour

### Rear Panel

- 1 x DC in connector
- 1 x Gigabit RJ45 Port
- 1 x VGA Port
- 1 x HDMI (HDMI to DVI converter cable included)
- 1 x Display Port
- 2 x USB 2.0
- 2 x USB 3.0
- 1 x Serial Port

### Front Panel

- Power Button
- Link LED
- HDD LED
- 2 x USB 2.0 ports
- 2 x USB 2.0 (Secure Compartment)
- Mic
- Headphone

### Internal Features

- Mono speaker

### External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 65W, 19V

### Power Consumption

- Idle state (long): 7.07 W
- Sleep state : 1.74 W (without EuP)
- Off state: 1.46 W (without EuP)

### Networking

- Auto-sensing 10/100/1000 Mbps Gigabit LAN
- Wake On LAN and Wake on USB KBD/Mouse

### Operating Environment

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 60°C
- Humidity: 20% to 80% maximum, non-condensing

### Optional Accessories

- 1 x Parallel Port (Factory fit)
- Internal USB WLAN through secure USB compartment
- mPCIe WLAN with external antenna
- Display Port to DVI, HDMI, VGA converter cables HDMI to DVI-D Converter cable
- VESA Dock (100x100 or 75x75 mounting holes)

### Physical Characteristics

#### Dimension (HxDxW):

- Without stand: 201x222x56 mm
- Weight : 1.4 kg (with stand)

### Regulatory Compliance

#### Safety and EMC:

- CE, FCC, cTUVus, TUV-GS, RCM, VCCI, BIS

### Energy and Environment:

- Energy Star, WEEE, RoHS

### Warranty

- Three years limited warranty

### Software Support

- Internet Explorer
- RDP Client
- Citrix Receiver
- VMware Horizon View Client
- Ericom Power Term
- Ericom Blaze Client
- Windows Media Player
- Adobe Flash Player
- Silver Light
- Tight VNC
- .Net Framework
- DirectX
- Lync VDI 2013

### Server OS Compatibility/Support

- Citrix XenApp 5 and later
- Citrix XenDesktop 3 and later
- Citrix Presentation Server 4.0 and later
- Windows Server 2003
- Windows Server 2008r2 Terminal Services
- Windows 2012 Server Remote Desktop services
- VMware Horizon View Virtual Desktop Infrastructure

### Setup and Configuration

- Boot from local flash
- Windows 7 User Interface Language: US English (Default),
- Optional add-ons: French, German, Spanish, Italian, Dutch, Turkish, Japanese
- Keyboard Language support: US English Standard (Default) and 40 other languages supported

### Remote Management Tools

- Fusion Universal Device Manager (UDM) Professional
- Microsoft SCCM/EDM Agent
- Remote Imaging Support

### Security Features

- Smart Card
- Logon Manager
- 802.1X
- Enhanced Write Filter (EWF)
- File-Based Write Filter (FBWF)
- Microsoft Firewall
- VXL USB Security Manager

## Part Numbers

LQ44-F10R8 -----16GB Flash / 4GB RAM

## Contact Us

### Americas

Woodlands Business Centre , 32315 Tamina Road, Suite A, Magnolia, TX 77354, USA  
Tel: +1 877 242 7801

### Europe

Carrington Business Park, Manchester Road, Manchester, M31 4DD, UK  
Tel: +44 (0) 161 775 4755  
France Tel. : +33 616624515  
Germany Tel. : +49 (0) 8761 1093

### United Arab Emirates

1610, Tiffany Tower, Cluster 'W', Jumeirah Lake Towers, Dubai, UAE  
PO Box: 337111 Tel: +971 4 4508361

### India

4th Floor, Kimatrai Building, 77/79, Maharshi Karve Marg, Marine Lines(E), Mumbai - 400002, India  
Tel: +91 (0) 22 42203100

### Asia Pacific

6167, Jalan Bukit Merah, Tower 4; #06-12 (SR-46), Singapore 150167  
Tel: +65 6278 8180

E & OE: Specifications subject to change without notice. All trademarks are acknowledged and remain the property of their respective owners.

Document Version: B01