



Itona K64

Entry Level SoC Desktop Thin Client



The new K Series with ARM Cortex A9 System-on-a-Chip (SoC) delivers excellent performance over remote protocols such as RDP. The new Itona K Series represents a significant advance in provision of low cost server based computing. With exceptional build quality, the K Series incorporates the most advanced features with very low power consumption, and is designed with the environment and durability in mind.

The Itona K Series includes a three year warranty backed by a worldwide support network and represents an unbeatable combination of affordability, quality, performance and service.

Itona K64 Series

Key Features

- GV Linux operating system
- ARM Processor Cortex A9 System-on-a-Chip (SoC)
- Highly reliable fanless design
- Power consumption < 4 Watts
- RAM: Onboard DDR3
- Flash: 2 GB NAND
- 4 USB ports (2X Front+2X Rear)
- DVI-I port (VGA through DVI-I to VGA converter)
- Built-in 10/100 LAN
- 32 Bit graphics support up to 1920 X 1080 resolution @ 60 Hz)

The Ideal Desktop Client

Seen and not heard – that’s Itona. That’s because its fanless design ensures virtually silent operation. And, its compact design and footprint makes it the ideal desktop solution.

Green Credentials

K64 series is extremely energy efficient and Energy Star 5.2 certified.



About VXL

VXL is one of the world’s largest suppliers of thin clients. Established in 1976, VXL has grown steadily and now has over two hundred employees worldwide—with offices in Germany, France, Singapore, India, the United States of America and the United Kingdom. The company’s headquarters is in Bangalore, India.





Itona K64 Series

Ordering Codes

K64 - F7R6 2 GB Flash/1 GB RAM

K64 - F7R6W4 2 GB Flash/1 GB RAM/Wireless LAN

Model

K64 GV Linux operating system

Processor

- ARM Processor Cortex A9

Memory

- RAM: Onboard 1 GB DDR3, 1066 MHz
- Flash: Onboard 2 GB NAND

Display Support

- Resolution support up to 1920x1080 @ 60 Hz

Interfaces

- 4 x USB 2.0
- 1 x DVI-I port (VGA through DVI-I to VGA converter, supplied with the product)
- 1 x SD card slot
- Built-in Kensington Security Slot

Networking

- Autosensing, 10/100 Ethernet, RJ-45
- Wireless LAN 802.11 b/g/n*

*Ordering code: F7R6W4

Audio

- Audio Out
- Mic

Power Consumption

- Max power consumption < 4 Watts
- System idle mode: 3.51 Watts
- System off mode: 0.13 Watts (at 230 Volts, 50 Hz)

External Power Adapter

- DC 12V/3A, 36 Watts

Operating Environment

- Operating Temperature: 0 to 40 °C
- Storage Temperature: -10 to 60 °C
- Convection cooling, fan-less design
- Humidity: 20% to 80% condensing, 10% to 95% non-condensing

Physical Characteristics

- Height: 25 mm
- Depth: 120 mm
- Width: 174 mm
- Weight: 460 g Approx
- VESA mounting options: Horizontal, vertical, normal

Optional

- VESA mounting bracket
- Internal Wireless LAN

Software

- Citrix Receiver 12.1.0
- VMWare Horizon 2.1.0
- Rdesktop 1.7.0
- XFreeRDP 1.0.2
- Mozilla Firefox 20.0
- SSH 5.8 p1
- VNC Server 0.9.12
- Xorg 1.10.4
- MozPlugger Plugin 1.14.3
- Text Editor 0.8.17
- Chromium Browser 13.0.x

Server OS Compatibility/Support

- Microsoft Windows Terminal Server Edition, Windows Server 2003/2008
- Citrix XenApp / Citrix Presentation Server/ Citrix XenDesktop
- Protocol Support: TCP/IP, NTP, DHCP, FTP, HTTP
- VMware View 2.0

Setup and Configuration

- Boot from local flash
- GV user interface language: US English
- Keyboard Language support: English, Spanish, French and German.
- Scanners & Camera Support
- Smartcard support
- ELO Touch screen Support
- USB input devices support

Management

- Terminal configuration (IP information, name, etc)
- Remote shadowing
- Reporting

Regulatory Compliance

Safety and EMC:

- CE, FCC, cULus, UL-GS, C-Tick

Energy and Environment:

- RoHS, WEEE

Warranty

- Three years limited warranty



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