

**A unique multi-port barcode print server
& network bridge enabling auto barcode printing,
with flash memory for additional data storage**



Overview

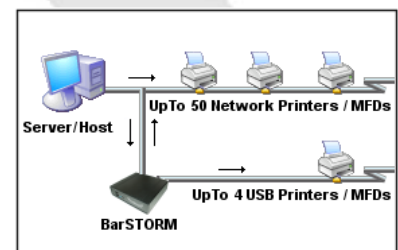
- Features the genuine Jetmobile™ Intelligent BarSIMM/BarDIMM™ barcoding technology
- Allows automatic barcode printing on any PCL printer or multi-function device
- Base unit default specification has 1 x USB port unlocked & 1 x Network port unlocked
- Up to 54 x printers or multi-function devices can be connected to a single BarSTORM, as each base unit is software upgradeable by purchasing additional unlocked ports, to support a maximum of 50 x unlocked networked ports & 4 x unlocked USB ports from a single BarSTORM unit
- Over 60 One Dimensional (1D) barcodes and 8 Two Dimensional (2D) barcodes
- Supports full auto encoding and error checking
- Integrates seamlessly with most Windows applications with BDTTGEN™
- Integrates seamlessly with ERP software including: SAP R/3, Oracle, Peoplesoft, JD Edwards and BAAN
- Uses Jetmobile™ Barcode DIMM code under licence, so 100% compatible with BarDIMM / BarSIMM™
- 32Mb Flash Memory on-board for storing additional data: fonts, logos, signatures, symbols & form overlays
- Windows Application Integration Kit available

Product Features

Install the BarSTORM unit centrally, say in a 'coms' room or server room, connect the unit to a 10baseT/100baseTX TCP/IP network, then depending how the unit is licensed, up to 50 network attached PCL printers can be served with barcodes, fonts and overlays across the network, from a single unit.

Each unit can also support up to 4 x additional PCL printers connected locally to it's on board USB 1.1 ports. Most PCL printers & multi-function devices are supported & can be driven from any system that supports LPR or RAW port printing.

The user can store custom Fonts, Logos & overlays. This storage area can be expanded to nearly 1Gb. Fonts & overlays stored on the unit can be associated with any particular output port for custom printing on each printer connected or bridged by the unit. Overlays and forms can be generated from applications and then loaded and managed from the web interface.



BarSTORM network layout.

Barcoding

- Barcode solution for ERPs and corporate applications allowing automated barcode printing on standard laser printers without the need to purchase additional specialty barcode printers
- Virtually any barcode can be printed in any size or orientation and read by all readers and scanners
- Over 68 standard & 2D barcodes
- Seamless integration with ERPs including: SAP R/3 (from V3.0), Oracle, Peoplesoft, JD Edwards and BAAN
- Quality assured as barcodes are verified prior to printing with automatic checksum calculation, bars interleaving and printing of error messages for invalid data
- Barcodes can be accessed via drivers, PCL commands and escape characters for ease of use from AS/400, Unix and mainframe hosts
- Many barcodes with adjustable height, width and human readable text, offering unrivalled flexibility
- Bar code generation at the printer ensures printing speeds are increased and LAN bandwidth is reduced
- For use in financial, retail, industry, healthcare, logistics, manufacturing, utilities and labeling applications
- Integrates seamlessly with most Windows applications with BDTTGEN™
- Fontware also has additional TrueType barcode fonts available for use with MS Windows

Flash Memory

- Securely and permanently installed, so fonts and logos etc. are always available on printer power-up
- Reduces network traffic and bottlenecks by eliminating the large components of print files
- Increases printing speeds as fonts and logos etc. don't have to be downloaded
- Flash memory can be easily reprogrammed or updated

Technical Specification

One Dimensional (1D) Barcodes

- UPC-A, UPC-A +2, UPC-A +5
- UPC-E, UPC-E +2, UPC-E +5
- EAN/JAN-8, EAN/JAN-8 +2, EAN/JAN-8 +5
- EAN/JAN-13, EAN/JAN-13 +2, EAN/JAN-13 +5
- 2 of 5 interleaved (+CHK), 2 of 5 matrix (+CHK), 2 of 5 industrial (+CHK)
- Code 39 / Code 3 of 9 (+CHK), 3 of 9 extended (+CHK)
- Code 93(+CHK), 93 extended (+CHK)
- Code 128 autoswitch, 128 A/B/C, EAN128, UCC128
- Codabar-Monarch (+CHK 10),
- MSI Plessey (+CHK 10 & CHK 10), MSI Plessey (+CHK 11 & CHK 10)
- RSS-14, RSS Limited, RSS Expanded, RSS Composite Component
- Postal barcodes for US, Australian, Danish, French, German & Singapore
- UK Royal Mail RS4CC, ZIP+4 Postnet,
- USPS Tray, Sack & Zebra



Rear view of BarSTORM

Two Dimensional (2D) Barcodes

- PDF417, Macro PDF417, Datamatrix, UPS Maxicode, CODABLOCK-F, Aztec, QRCode 1 & QRCode 2

Other Fonts

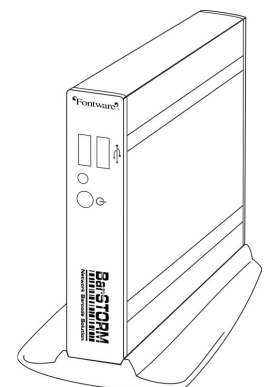
- OMR Codes – Optical Mark Recognition marks for most mailroom equipment
- Optical Character Recognition Fonts – OCR-A and OCR-B
- All data as the Hewlett Packard 'Barcodes & More' (C2053A#C06) / Fontware Barcode Plus Specification
- Additional fonts containing, transport, packaging and Euro symbols

Flash Memory

- For storage of additional: Fonts, Forms, Logos, and Signatures. For corporate typefaces, foreign language sets, brands, divisional logos & accreditations, signatures, letterheads, fax headers, memos, invoices and order forms etc.

Technical

Model No	Fontware BarSTORM FWBS-1
CPU	AMD Geode GX Processor
Memory	128 MB SDRAM onboard with 32 MB Flash DIMM (as standard)
Ethernet Interface	10/100 Ethernet TCP/IP, DHCP, DNS, up to 50 printer bridge
Interface	USB v1.1 Port x 4 (can be licensed in 1- 4 port configurations, parallel connection via industry standard USB to Parallel conversion cables)
Power Management	Single Voltage +12V @1.2A via supplied AC adapter
Web browser interface	
Dimensions	H x W x D 35mm (1.4") x 140mm (5.5") x 130mm (5.1")
Weight	0.4Kg (0.88 lbs) excluding power adapter
Working Temp	0 ~ +55°C, humidity: 0%~90%
Regulatory	FCC-B and CE 533@1.1W



BarSTORM with Vertical stand

Fontware is a registered trademark of Fontware Ltd. Other product and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies. BarDIMM ©2004-2005 Jetmobile SAS. All Rights Reserved. – BarDIMM is a registered trademark of Jetmobile SAS.

About Fontware Ltd

Fontware Ltd is an independently owned UK based company supplying 'intelligent output solutions' since 1987. Our innovative software & hardware products are used each day by 1,000s of customers world-wide, in over 50 different countries. We supply & support our customers in cooperation with OEM partners, via a distribution network of Resellers & also directly via our web site. Our comprehensive offerings include:

- Barcode printing solutions
- Technology allowing the creation, storage & printing of digital documents
- The supply of corporate typefaces, font licensing, & custom font services

Contact Details

Fontware Ltd, Katana House, Fort Fareham, Newgate Lane, Fareham, Hampshire, PO14 1AH, UK.
Telephone: +44 (0)1329 221121 Fax: +44 (0)1329 281145 Email: sales@fontware.com

Web: www.fontware.com