

*The printing solution that's fast, flexible,  
and built to last!*



## IBM 4232 Printer

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### Highlights

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- **Low cost, heavy-duty dot matrix printing solution**
- **Flexible forms handling capabilities**
- **Very quiet for office use**
- **Superb reliability**

The IBM\* 4232 Printer offers speed and durability that make it suited for the most demanding print environments and applications. With print speeds of up to 600 characters per second (cps) and superb reliability, the IBM 4232 Printer out-performs other impact printers.

With the availability of two industry-standard, open interfaces and the emulation of the popular IBM Proprinter\* and Epson\*\* FX 1050, the IBM 4232 will attach to virtually all hardware systems and will support most application software packages.

The IBM 4232's compact size and low noise level make it well-suited to serve as either a high-speed office printer; a heavy-duty primary printer for small systems and LAN installations; or a workstation printer for larger systems and LANs.

### Improved Productivity

The IBM 4232 Printer, with its auto-forms load, innovative forms handling features, and easy-to-use operator controls and menu selections, will improve productivity and virtually eliminate user frustration, paper jamming and costly paper loss.

The IBM 4232 prints a wide range of applications by offering four print speeds and quality modes. The fast

draft quality at 600 cps provides high speed for large print jobs while the near letter quality (NLQ) mode of 100 cps provides clean crisp correspondence for word processing applications required in today's electronic office. Full all-points-addressable graphics capability exists for applications such as bar codes, bar charts and pie charts, scanned logos, forms designs and CAD/CAM drawings. The IBM 4202 Proprinter, IBM 4224 Printer, and Epson FX 1050 Printer emulations protect an investment in forms inventory and application software.

### User Benefits

The IBM 4232 Printer is a rugged, heavy-duty dot matrix impact printer that offers excellent price and performance. It brings the benefits and productivity features usually

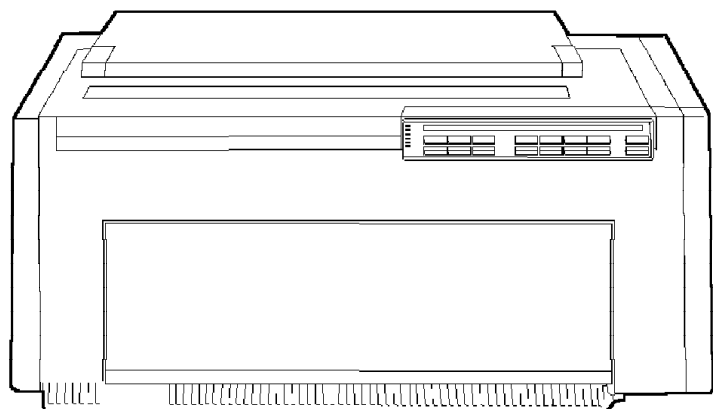
provided by higher-cost, system printers down to the workstation environment. For example, custom setup profiles allow users to store and to retrieve as many as four different collections of printer setup values. This means users can switch instantly from one application to another and thereby improve user productivity and eliminate adjustment errors.

### Printing Where You Need It

At only 53 dBA, the IBM 4232 is one of the quietest printers in its speed and price range — making it suitable for virtually any business environment. And with its small footprint, the IBM 4232 can be placed wherever a need for print exists.

### Versatile Forms Handling

The ability to use cutsheet paper provides the full advantage of NLQ printing on letterhead paper for



business correspondence applications. The automatic forms-thickness adjustment feature saves users from having to manually adjust the printhead gap and ensures consistent, high-quality forms printing and improved printhead reliability.

Additionally, interchangeable paper feed modules permit the IBM 4232 printer to be easily adapted to different forms applications, including pre-printed multi-part forms, labels, cardstock, checks, and mailer forms, to name a few.

## Summary

The IBM 4232 Printer is the work horse of dot matrix printers and provides these key benefits:

- High speed print output (600 cps)
- Reliability and ruggedness
- Excellent print quality
- Versatile paper handling
- Workstation and LAN attachment
- Text message display (LCD)
- Automatic forms thickness adjustment
- Automatic forms loading
- Zero Tear Bar: Automatic Eject/Restore after time out or data
- Menu lockout feature
- Quiet printing - one of the quietest printers in its class
- Graphics capability, including bar codes
- US Postal Service Postnet\*\* bar code printing certified

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## IBM 4232 Printer at a glance

<b>Print Speed</b>	<ul style="list-style-type: none"> <li>—Fast draft mode: 600 cps</li> <li>—Data processing (DP) mode: 400 cps</li> <li>—DP text mode: 200 cps</li> <li>—NLQ mode: 100 cps</li> </ul>									
<b>Print Options</b>	<p><b>Vertical spacing:</b></p> <ul style="list-style-type: none"> <li>— 6 or 8 lines per inch (lpi) selectable from operator panel for text</li> <li>— 3, 4, 6, 8, or 9 lpi selectable under program control for text</li> <li>— 1/144" increments under program control available for graphics</li> </ul> <p><b>Horizontal spacing:</b></p> <ul style="list-style-type: none"> <li>— 10, 12, 15, 16.7, 17.1, and 20 characters per inch</li> <li>— Proportional spacing is available in DP text and NLQ modes</li> </ul> <p><b>Maximum print line:</b></p> <ul style="list-style-type: none"> <li>— 13.6"</li> </ul> <p><b>Bar codes:</b> (resident bar codes accessed via programming control sequence functions or by using bit image graphics PPDS commands with requisite host applications)</p> <ul style="list-style-type: none"> <li>— Postnet, UPC-A, UPC-E, EAN-8, EAN-13, Code 3 of 9, Code 128, Interleaved 2 of 5, Codabar, MSL Industrial 2 of 5 and Matrix 2 of 5</li> </ul>									
<b>Paper Handling</b>	<p><b>Operator-changeable forms modules:</b></p> <ul style="list-style-type: none"> <li>— Continuous forms up to six parts</li> <li>— Cutsheet</li> <li>— Document-on-demand/zero tear-off</li> <li>— Automatic forms loading</li> </ul>									
<b>Paper Sizes</b>	<p><b>Continuous forms:</b></p> <ul style="list-style-type: none"> <li>— 3" to 15" Width</li> <li>— 3" to 14" Length</li> </ul> <p><b>Cutsheet forms:</b></p> <ul style="list-style-type: none"> <li>— 3" to 15" Width</li> <li>— 5" to 14" Length</li> </ul>									
<b>Interfaces</b>	Standard - Serial (RS-232C and RS-422A) and Parallel (Centronics Parallel)									
<b>Emulations</b>	IBM 4202 Proprinter II XL IBM 4202 Proprinter III XL IBM 4224 model 3xx EPSON FX 1050									
<b>System Attachments</b>	<p><b>Application System/400* AS/400* Attachment:</b></p> <ul style="list-style-type: none"> <li>— AS/400 via ASCII workstation controller or PC workstation</li> <li>— 348x, 3477, and 3197 AS/400 display stations</li> </ul> <p><b>RISC System/6000* attachment:</b></p> <ul style="list-style-type: none"> <li>— Direct attachment to RISC System/6000 or via workstation</li> </ul> <p><b>PC attachment:</b></p> <ul style="list-style-type: none"> <li>— IBM Personal System/2* and compatibles</li> </ul> <p><b>LAN attachment:</b></p> <ul style="list-style-type: none"> <li>— Ethernet and IBM Token-Ring via a PC or the Novell**-certified IBM 4033 LAN adapter box or equivalent</li> </ul> <p><b>System/390* attachment:</b></p> <ul style="list-style-type: none"> <li>— IBM 3174 via the Asynchronous Emulation Adapter</li> <li>— PC workstation</li> <li>— IBM 3482 InfoWindow* II display station</li> </ul>									
<b>Physical Characteristics</b>	<ul style="list-style-type: none"> <li>—Width: 25.9" (658mm)</li> <li>—Depth: 15.6" (396mm)</li> <li>—Height: 12.4" (315mm)</li> <li>—Weight: 45 lb. (20.4 kg)</li> </ul>									
<b>Power</b>	<p><b>Requirements:</b> 100-127 V, 1-phase, 50/60 Hz    200-240 V, 1-phase, 50/60 Hz</p> <table border="0"> <tr> <td><b>Consumption:</b></td> <td><b>Idle</b></td> <td><b>Max. Typical</b></td> </tr> <tr> <td>120 VAC 60 Hz</td> <td>40 Watts</td> <td>90 Watts</td> </tr> <tr> <td>220 VAC 50 Hz</td> <td>40 Watts</td> <td>90 Watts</td> </tr> </table>	<b>Consumption:</b>	<b>Idle</b>	<b>Max. Typical</b>	120 VAC 60 Hz	40 Watts	90 Watts	220 VAC 50 Hz	40 Watts	90 Watts
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120 VAC 60 Hz	40 Watts	90 Watts								
220 VAC 50 Hz	40 Watts	90 Watts								
<b>Environmental Conditions</b>	<p><b>Noise emission:</b></p> <ul style="list-style-type: none"> <li>— Printing: 53 dBA</li> <li>— Idling: 30 dBA</li> </ul>									
<b>Supplies</b>	<p><b>Ribbon cartridges:</b></p> <ul style="list-style-type: none"> <li>— Auto-inking ribbon, P/N - 1040580, 15-million character life</li> <li>— High-yield ribbon, P/N - 1040440, 6-million character life</li> </ul>									