



**Production modular to achieve high productivity,  
high quality and manpower saving**

## **NPM-DX**

Achieving High Productivity, High Quality and Manpower Saving This is a modular mounter to achieve both high productivity and high precision. The machine configuration is 4 heads and 4 feeder carts, and achieves high productivity while allowing the placement of up to 136 different types of components. In addition, it supports a variety of automation and manpower saving functions, including the Auto Setting Feeder (ASF), which automates components feeding operations, to flexibly meet the demands of each mounting site.

### **Key Features**

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Achieves high productivity while supporting a wide range of components

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Supports placement accuracy of  $\pm 15 \mu\text{m}$  in high-accuracy mode

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5M\* process control "APC-5M" for good production and stable operation \* 5M: The variable elements of a production site: huMan, Machine, Material, Method, and Measurement

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Various skill-less and manpower-saving features including Auto Setting Feeder

NPM-DX

<https://ap.connect.panasonic.com/p/h/en/npm-dx>

<b>PCB dimensions (mm)</b>	Single lane mode:L 50 mm × W50 mm ~ L 510 mm × W 590 mm Dual lane mode:L 50 mm × W50 mm ~ L 510 mm × W 300 mm
<b>Placement Head max Speed</b>	49 000 cph(0.073 s / chip) 35 000 cph(0.103 s / chip)
<b>Placement Head Placement Accuracy (Cpk<sub>≥1</sub>)</b>	±25μm / chip ±15μm / chip
<b>Placement Head</b>	16 / 8 / 4
<b>Component dimensions</b>	0201 chip ~ L 120 × W 90 × T 30 or L 150 × W 25 × T 30
<b>PCB Transfer Lane</b>	Single/Dual
<b>Component Supply</b>	Taping/Stick
<b>Maximum number of components supply (Tape Width: 4 mm, 8 mm calculation)</b>	136
<b>Number of heads</b>	4
<b>Footnote Description</b>	*The above specifications are standard specifications. Please contact us for details, as the product may differ depending on usage conditions, etc.