



**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

Achieves high productivity while supporting a wide range of components

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

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

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

NPM-DX

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

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