

# BradyPrinter i5100 vs. i7100

## Key Differences

Both of these Brady printers offer unique performance characteristics that could be useful for the intended application. Familiarize yourself with the key functional differences, so you know which one best fits the bill.



### Key Features

i5100

i7100

<b>Models / print resolution</b>	Standard model - 4 in. wide, center align (300 and 600 dpi) <b>Auto-cut model</b> - 4 in. wide, center align (300 and 600 dpi) <b>No peel model</b>	Standard model - 4 in. wide, center align (300 and 600 dpi) <b>Peel model</b> - 4 in. wide, center align (300 and 600 dpi) <b>Auto-cutter accessory</b> (field-installable)
<b>Media alignment</b>	Center aligned	Center aligned
<b>Media loading</b>	Top-load, <b>keyed supplies</b> for faster, easier <b>drop-in-style</b> set up, <b>no ribbon takeup core needed</b>	Side-load, axle-mount supply loading, <b>ribbon takeup core required</b>
<b>Printing modes</b>	Brady mode (use with IP-enabled materials for faster easier changeovers and auto-setup) Standard mode (traditional manual setup and adjustment steps)	Standard mode (traditional manual setup and adjustment steps)
<b>Typical volume</b>	5000 labels/day, 8 hrs/day, 5 days/wk (assuming 1 x 2 in. basic label)	<b>7000+ labels/day</b> , 8 hrs/day, 7 days/wk (assuming 1 x 2 in. basic label)
<b>Display and user interface</b>	4.3 in., 272 x 480 pixels, color touchscreen, very easy interface to change settings	4.3 in., 480 x 272 pixels, color touchscreen, very easy interface to change settings
<b>Display content</b>	Basic info + <b>part numbers installed, supply remaining, sensor in use, sensor setting</b> (in Brady Mode)	Basic printer status only
<b>Print head wear</b>	Hardened sharp-edge print head with narrow width interchangeable platen rollers to reduce wear; louder but longer life	Hardened sharp-edge print head with narrow width interchangeable platen rollers to reduce wear; louder but longer life
<b>Narrow rollers</b>	Easy to change, promoted for optimal print-head protection	Easy to change, promoted for optimal print-head protection
<b>Print speed</b>	2.0 in./sec (300 and 600 dpi) - in Brady mode up to 11.8 in./sec (300 dpi) - in standard mode up to 5.9 in./sec (600 dpi) - in standard mode	up to 11.8 in./sec (300 dpi) up to 5.9 in./sec (600 dpi)
<b>Min. label dimension</b>	<b>0.20 in.</b>	<b>0.125 in.</b>
<b>Max. liner width</b>	4.40 in.	<b>4.49 in.</b>
<b>Max. print width</b>	4.16 in.	4.16 in.
<b>Media roll core</b>	3.0 in. core IP-enabled (for Brady mode use) 3.0 - 3.9 in. core (for standard mode)	<b>1.5 in.</b> - 3.94 in. core
<b>Ribbon roll O.D.</b>	2.68 in o.d. <b>IP-enabled ribbon</b> (for Brady mode use)	2.68 in. o.d. (990 ft max length) larger ribbon o.d. not recommended
<b>Processor 32 bit clock rate</b>	800 MHz to be faster and avoid buffer overloads	800 MHz to be faster and avoid buffer overloads
<b>Memory</b>	256 MB	256 MB
<b>Connectivity ports and options</b>	standard: <b>2xUSB</b> , Ethernet 10/100 BASE-T, RS232C, SD card slot, 1xUSB 2.0 Hi-speed port for PC optional: USB WLAN stick, USB Bluetooth adapter stick	standard: <b>4xUSB</b> , Ethernet 10/100 BASE-T, RS232C, SD card slot, 1xUSB 2.0 Hi-speed port for PC, <b>I/O port</b> (on peel model) optional: USB WLAN stick, USB Bluetooth adapter stick, I/O port (on standard model)
<b>Software compatibility</b>	LabelMark (v6.6.1 or newer), Brady Workstation (v4.1 or newer), CodeSoft Win driver, 3rd party Windows® based software, direct-to-printer scripting	LabelMark (v6.5.0.9 or newer), Brady Workstation (v4.0 or newer), CodeSoft Win driver, 3rd party Windows® based software, direct-to-printer scripting
<b>Accessories</b>	Spare IP-enabled roll holder, spare Brady ribbon takeup spindle, PCK-6 cleaning swabs, narrow-width rollers, WLAN and Bluetooth sticks	Auto-cutters, peel and present sensors, 100 mm roll adapter, PCK-6 cleaning swabs, narrow-width rollers, WLAN and Bluetooth sticks
<b>Key material types</b>	Die-cut media, continuous media, fanfolded media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves <b>size 125</b> and larger (single sided), continuous sleeves <b>size 125</b> and larger, self-lam cable labels, raised panel push button labels ( <b>with no backfeed or autocut</b> ), rapido-style cable tags, Permashield style labels	Die-cut media, continuous media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves <b>size 094</b> and larger (single sided and double sided with re-insert), continuous sleeves <b>size 094</b> and larger, self-lam cable labels, <b>zip-tie cable tags</b> , raised panel push button labels, <b>Durasleeve® wire inserts</b> , rapido-style cable tags, <b>white print applications</b> , Permashield style labels, <b>Nomex® cable tags</b> (Nomex is a registered trademark of DuPont)
<b>Size (H x W x D)</b>	12.5 in. x 9.5 in. x 17.1 in.	11.4 in. x 9.9 in. x 18.1 in.
<b>Weight</b>	14.6 lbs	22.05 lbs

