

ITS Standard Printer Configurations – 2/9/2018

ITS has selected the following models as standard campus printers, these printers have been carefully chosen to be sure they work with all campus resources. All printers selected have support for Adobe PostScript, which is essential for printing from Banner forms, and also for macOS.





Please take careful note of maximum paper weights, if you expect to print on very heavy media, check with ITS first to verify the machine you are looking at can handle the media. We have listed maximum input weights in bold, in grams/sq meter (gsm), a conversion chart is on the last page of this document. Not all paper can be duplexed automatically, very heavy paper will require manual feeding for both sides.

If you are printing reports directly from Banner Forms, need high volume envelope feeding, very heavy media, stapling/stacking then please contact ITS before requesting your printer so we can custom build the right device. We may refer you to Century Business Systems for leasing options, as this can be more cost effective.





Contact: Erik Crouch

email: support@washburn.edu

Monochrome Printers

	Configuration 1	Configuration 2	Configuration 3	Configuration 4
Best for Model	1 to 2 people HP LaserJet Pro M402DNE 	3 to 10 people HP LaserJet Pro M501DN 	10-15 people HP LaserJet Enterprise M607DN 	15 to 40 people, or computer lab HP LaserJet Enterprise M609DN 
Printer trays	100-sheet manual feed 250-sheet Tray 2 Optional Tray 3	100-sheet manual feed 500-sheet Tray 2 Optional Tray 3	100-sheet Manual Feed 500-sheet Tray 2 Optional Tray 3,4	100-sheet Manual Feed 500-sheet Tray 2 Optional Trays/Feeders
Input capacity	350 Standard Max Paper Weight: 175gsm	600 Standard Max Paper Weight: 175gsm	600 Standard Max Paper Weight: 199gsm	600 Standard Max Paper Weight: 199gsm
Duplex printing	Yes, Automatic Duplex Weight: 120gsm	Yes, Automatic Duplex Weight: 120gsm	Yes, Automatic Duplex Weight: 120gsm	Yes, Automatic Duplex Weight: 120gsm
Recommended Usage	750-4,000 pages per month	1,500-6,000 pages per month	5,000-20,000 pages per month	10,000-30,000 pages per month
Price estimate	\$275.08 – Confirm with ITS	\$505.08 – Confirm with ITS	\$873.08 – Confirm with ITS	\$1,609.08 – Confirm with ITS
Consumables life (estimates)	3,100 pages – Std Cartridge 9,000 pages – Max Cartridge	9,000 pages – Std Cartridge 18,000 pages – Max Cartridge	11,000 pages	11,000 pages – Std Cartridge 25,000 pages – High Cartridge 41,000 pages – Max Cartridge
Dimensions	15W x 14.1D x 8.5H 18.92lbs	16.5W x 14.8D x 11.4H 25.6lbs	17W x 18.3D x 15H 47.7lbs	17W x 18.3D x 15H 47.7lbs

Color Printers

	Configuration 4	Configuration 5	Configuration 6	Configuration 8
Best for	1 to 5 people	5 to 10 people	15 to 30 people, or computer lab	12x18 capable
Model	HP Color LaserJet Pro M452DN	HP Color LaserJet Enterprise M553DN	HP Color LaserJet Enterprise M653DN	HP Color LaserJet Enterprise M750DN
Printer trays				
Input capacity	100-sheet manual feed 250-sheet Tray 2 Optional Tray 3	100-sheet manual feed 500-sheet Tray 2, letter only Optional Tray 3	100-sheet manual feed 500-sheet Tray 2 Optional Tray 3,4	100-sheet manual feed 250-sheet Tray 2, Max 12x18 Tray 500-sheet Tray 3, Max 11x17 Tray Optional Trays 4,5,6 Max 11x17
Duplex printing	Yes, Automatic Duplex weight: 163gsm	Yes, Automatic Duplex weight: 163gsm	Yes, Automatic Duplex weight: 163gsm	Yes, Automatic Duplex weight: 120gsm
Recommended Usage	750-4,000 pages per month	2,000-6,000 pages per month	4,000-14,000 per month	2,500-13,000 per month
Price estimate	\$367.08 – Confirm with ITS	\$755.06 – Confirm with ITS	\$1,640.69 – Confirm with ITS	\$2,461.49 – Confirm with ITS
Consumables life (estimates)	<u>Std Capacity:</u> 2,300 All Colors <u>Max Capacity:</u> 6,500 Black 5,000 Cyan, Magenta, Yellow	<u>Std Capacity:</u> 6,000 Black 5,000 Cyan, Magenta, Yellow <u>Max Capacity:</u> 12,500 Black 9,500 Cyan, Magenta, Yellow	<u>Std Capacity:</u> 12,500 Black 10,500 Cyan, Magenta, Yellow <u>Max Capacity:</u> 27,000 Black 22,000 Cyan, Magenta, Yellow	13,500 Black 15,000 Cyan, Magenta, Yellow
Dimensions	16.2W x 18.5D x 11.6H 41.7lbs	18W x 18.9D x 15.7H 59.5lbs	20.1W x 18.1D x 19H 68.8lbs	21.4W x 23D x 18H 115.3lbs

Paper Weight Conversion Chart

Bond Weight	Text/Book Weight	Cover Weight	Bristol Weight	Index Weight	Tag Weight	Metric Weight
16#	41#	22#	27#	33#	37#	50 gsm
17#	43#	24#	29#	35#	39#	64 gsm
20#	50#	28#	34#	42#	46#	75 gsm
21#	54#	30#	36#	44#	49#	80 gsm
24#	60#	33#	41#	50#	55#	90 gsm
27#	68#	37#	45#	55#	61#	100 gsm
28#	70#	39#	49#	58#	65#	105 gsm
29#	74#	41#	50#	61#	68#	110 gsm
32#	80#	44#	55#	67#	74#	120 gsm
36#	90#	50#	62#	75#	83#	135 gsm
39#	100#	55#	67#	82#	91#	148 gsm
40#	101#	55#	68#	83#	92#	150 gsm
43#	110#	60#	74#	90#	100#	163 gsm
45#	115#	63#	77#	94#	104#	170 gsm
47#	119#	65#	80#	97#	108#	176 gsm
51#	128#	70#	86#	105#	117#	190 gsm
53#	134#	74#	90#	110#	122#	199 gsm
54#	137#	75#	93#	113#	125#	203 gsm
58#	146#	80#	98#	120#	133#	216 gsm
65#	165#	90#	111#	135#	150#	244 gsm
66#	169#	92#	114#	138#	154#	250 gsm
67#	171#	94#	115#	140#	155#	253 gsm
70#	178#	98#	120#	146#	162#	264 gsm
72#	183#	100#	123#	150#	166#	271 gsm