



EFI MicroPress

Increase Your Productivity and Efficiency

EFI™ MicroPress® is a scalable color and black and white (B&W) print production workflow solution. Available in four models: Solo, Plus, Max, and Max Enterprise, MicroPress includes the right combination of automation, fast processing, and sophisticated monitoring tools to maximize production efficiency and boost profitability.

Select the MicroPress Model for Your Business Needs

Whether you are a commercial printer or in-plant facility, MicroPress' scalable architecture caters to your production requirements and allows you to seamlessly upgrade as your business grows.

- MicroPress Solo: Connects a single B&W or a single color engine.
- MicroPress Plus: Connects up to four B&W engines or two color engines. Is best suited for B&W or color centric configurations.
- MicroPress MAX: Connects up to 12 B&W engines or up to five color engines. Works best for high-volume print environments.

- MicroPress MAX Enterprise: Connects up to 12 B&W engines or up to five color engines. Caters to color-centric configurations in a server environment.

Connectivity Requirements

The charts provide the connectivity requirements for each combination of devices connected to a MicroPress Server. All server configurations include a minimum of two network connections. One connection is reserved for connecting to the corporate network. The additional add-on NIC may be used to satisfy one of the NIC requirements listed.

Select the MicroPress Model for Your Business Needs

Connectivity Requirements for Solo, Plus and Max

		Color Printers					
		0	1	2	3	4	5
Black & White Printers	0		1 SP-NIC	2 SP-NIC	1 SP-NIC 1 DP-NIC	2 SP-NIC 1 DP-NIC	1 SP-NIC 2 DP-NIC
	1	1 SP-NIC	2 SP-NIC	1 SP-NIC 1 DP-NIC	2 SP-NIC 1 DP-NIC	1 SP-NIC 2 DP-NIC	
	2	2 SP-NIC	1 SP-NIC 1 DP-NIC	2 SP-NIC 1 DP-NIC	1 SP-NIC 2 DP-NIC	1 SP-NIC 2 DP-NIC 1 SWITCH	
	3	1 SP-NIC 1 DP-NIC	2 DP-NIC	1 SP-NIC 2 DP-NIC	2 SP-NIC 1 DP-NIC 1 SWITCH		
	4	2 DP-NIC	1 SP-NIC 2 DP-NIC	1 SP-NIC 1 DP-NIC 1 SWITCH	2 SP-NIC 1 DP-NIC 1 SWITCH		
	5-6	1 SP-NIC 1 SWITCH	2 SP-NIC 1 SWITCH	1 SP-NIC 1 DP-NIC 1 SWITCH			
	7-8	1 SP-NIC 1 SWITCH	2 SP-NIC 1 SWITCH				
	9-12	1 SP-NIC 1 SWITCH					

Connectivity Requirements for Max Enterprise (Dell PowerEdge T710) Server

		Color Printers					
		0	1	2	3	4	5
Black & White Printers	0		1 OB-NIC	2 SP-NIC	3 OB-NIC	3 OB-NIC 1 SP-NIC	3 OB-NIC 2 SP-NIC
	1	1 OB-NIC	2 OB-NIC	3 OB-NIC	3 OB-NIC 1 SP-NIC	3 OB-NIC 2 SP-NIC	
	2	2 OB-NIC	3 OB-NIC	3 OB-NIC 1 SP-NIC	3 OB-NIC 2 SP-NIC	3 OB-NIC 3 SP-NIC	
	3	3 OB-NIC	3 OB-NIC 1 SP-NIC	3 OB-NIC 2 SP-NIC	3 OB-NIC 3 SP-NIC		
	4	3 OB-NIC 1 SP-NIC	3 OB-NIC 2 SP-NIC	3 OB-NIC 3 SP-NIC	3 OB-NIC 4 SP-NIC		
	5	3 OB-NIC 2 SP-NIC	3 OB-NIC 3 SP-NIC	3 OB-NIC 4 SP-NIC			
	6	3 OB-NIC 3 SP-NIC	3 OB-NIC 4 SP-NIC	3 OB-NIC 5 SP-NIC			
	7	3 OB-NIC 4 SP-NIC	3 OB-NIC 5 SP-NIC				
	8	3 OB-NIC 5 SP-NIC	3 OB-NIC 4 SP-NIC 1 DP-NIC				
	9	3 OB-NIC 4 SP-NIC 1 DP-NIC					
	10	3 OB-NIC 3 SP-NIC 2 DP-NIC					
	11	3 OB-NIC 2 SP-NIC 3 DP-NIC					
	12	3 OB-NIC 1 SP-NIC 4 DP-NIC					

Legend:

- SP-NIC = Single Port Network Interface Card
- DP-NIC = Dual Port Network Interface Card
- SWITCH = Sixteen Port Switch
- OB-NIC = On Board Interface Card

EFI MicroPress System Specifications

Model	MicroPress Solo	MicroPress Plus	MicroPress Max	MicroPress Max Enterprise
Base				
Base Unit:	Dell OptiPlex 960, Mini-tower	Dell OptiPlex 960, Mini-tower	Dell Precision T7500 Tower	T710 Tower Chassis
Dimensions:	H 16.1" x W 7.32" x D 16.97"; Weight = 27.2lbs	H 16.1" x W 7.32" x D 16.97"; Weight = 27.2lbs	H 22.3" x W 8.5" x D 22.6"; Weight = 54.90 Lbs	H18.4"xW8.6"xD28.9 Weight = 78 lbs
Configuration				
Processor:	Core2 Quad, 9400/ 2.66GHz6M, 1333FSB	Core2 Quad, 9400/ 2.66GHz6M, 1333FSB	(2) Quad Core Xeon Proc E5506, 2.13GHz, 2X 4MB L2Cache, 4.8GT/s	(2) Intel XeonE5620 2.4Ghz, 12M Cache, Turbo, HT, 1066MHz Max Memory
Memory:	8GB, Non-ECC, 800MHz DDR2, 4X2GB	8GB, Non-ECC, 800MHz DDR2, 4X2GB	12GB, DDR3 ECC SDRAM Memory 1066MHz, 6X 2GB	12GB Memory (6x2GB), 1333Mhz Dual Ranked RDIMMs for 2 Processors
Network Connector(s):	Integrated 10/100/1000 Ethernet; (1) Intel PRO/1000 GT Single Port Desktop	Integrated 10/100/1000 Ethernet; (1) Intel PRO/1000 GT Single Port Desktop Adapter (MicroPress) or (1) Intel PRO/1000 MT Dual Port Server Adapter (PowerPRESS only)	(1) Integrated Broadcom 5761 Gigabit Ethernet controller; (1) Intel Gigabit CT Single Port Desktop Adapter (MicroPress) or (1) Intel PRO/1000 PT Dual Port Server Adapter (PowerPRESS)	(2) Integrated Broadcom NetXtreme II 5708 Gigabit Ethernet NICs with TOE.
Hard Drive:	250GB SATA 3.0Gb/s and 8MB Data Burst Cache	250GB SATA 3.0Gb/s and 8MB Data Burst Cache	(3) 160GB SATA, 10K RPM 3.0Gb/s 2.5 inch SATA 2 16MB Data BurstCache as RAID 0	(3) 146GB 15K RPM Serial-Attach SCSI 3Gbps 3.5in Hotplug Hard Drive as RAID 5
Hard Drive Controller:			SATA RAID Controller (0, 1, 10)	PERC 6/i SAS RAID Controller with 256MB battery-backed cache
Video Card:	Integrated Video, Graphics Media Accelerator 4500	Integrated Video, Graphics Media Accelerator 4500	256MB PCIe x16 NVIDIA NVS 295 Dual Monitor 2DP	ATI Radeon HD 2400XT
Operating System:	Windows XP Professional 64-bit, Service Pack 2 *Windows Vista Business 64-bit, Service Pack 1 for Dutch Configuration			Windows Server 2008, SP2 64-bit with 5 CALs
Peripherals				
Keyboard:	Dell Multimedia Pro Keyboard	Dell Multimedia Pro Keyboard	Keyboard, USB, Black, No Hot Keys	Keyboard, USB, Black
Monitor:	22" Widescreen LCD (MicroPress) or 19" Widescreen LCD (PowerPRESS)			
CD/DVD Drive:	16X DVD+/-RW SATA	16X DVD+/-RW SATA	16X DVD+/-RW SATA	Optical SATA for PowerEdge T610/T710
Expansion and IO				
Expansion Slots:	(2) Full Height PCI; (1) Full Height PCIe x1; (1) Full Height PCIe x16 graphics;	(2) Full Height PCI; (1) Full Height PCIe x1; (1) Full Height PCIe x16 graphics;	All full length except as noted (1) PCI-e x16 Gen 2 wired as x4; (2) PCI-e x16 Gen 2 slots wired as x8 (one is half length); (2) PCI-e x16 Gen 2 graphics slots; (1) PCI-X 64bit/100MHz slot with support for 3.3v or universal cards; (1) PCI 32bit/33Mhz 5V slot	(6) PCIe Generation 2: (1) PCIe x16; (4) PCIe x8 (1) PCIe x4
Bays:	(2) Internal 3.5"; (1) External 3.5"; (2) External 5.25"	(2) Internal 3.5"; (1) External 3.5"; (2) External 5.25"	(4) Internal 3.5" hard disk drive bays; (3) External 5.25" optical bays, one of which can accommodate a fifth SATA HDD; (1) External 3.5" flex bay for floppy or media card reader	Support for up to a total of eight 3.5" In-HD (3Gbps) drives. Two media bays support optical drives and / or Tape Backup Unit; Slim optical drive bay with choice of DVD-ROM or DVD + RW
Standard I/O Ports:	(1) VGA; (12) USB 2.0 (4 front, 6 rear, 2 internal); (1) 1 RJ-45; (2) PS2; (1) Display Port; (1) Serial; (1) eSATA; (2) Line-in (stereo/micro - phone); (2) Line-out	(1) VGA; (12) USB 2.0 (4 front, 6 rear, 2 internal); (1) 1 RJ-45; (2) PS2; (1) Display Port; (1) Serial; (1) eSATA; (2) Line-in	(1) USB 2.0 (2 on front, 6 rear, 3 internal); (2) IEEE 1394a (1 front, 1 rear); (1) serial; (1) parallel; (2) PS/2; (1) RJ-45; (1) eSATA	(8) USB 2.0 (2 on front, 6 rear); (2) Video; (4) RJ-45 Ethernet; (1) serial; (1) RJ-45 for iDRAC
Dimensions:	H 16.1" x W 7.32" x D 16.97"; Weight = 27.2lbs	H 16.1" x W 7.32" x D 16.97"; Weight = 27.2lbs	H 22.3" x W 8.5" x D 22.6"; Weight = 54.90 Lbs	H18.4"xW8.6"xD28.9 Weight = 78 lbs
Base				
Audio:	(Headphone/speaker)	(Stereo/microphone); (2) Line-out (Headphone/speaker)	Stereo line-in and headphone line-out on back panel Microphone and headphone connector on front panel	
Power:	Power Supply = 305 Watt standard power	Power Supply = 305 Watt standard power	Power Supply = 1100 Watt 85%+ Efficiency Power Supply Unit	2 Hot-plug redundant PSUs. 1100 Watts. Voltage range 100 - 240VAC, 50/60Hz



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