

ITC *u*PDT Feature Comparison

<i>u</i>PDT Model Attribute	Mobile	Midrange	Enterprise
Processor	Intel Core 2 Duo T9900 3.1 GHz 6 MB L2 cache	1(std) or 2(opt) Intel 5520 quad core at 2.26 GHz, 8MB L3 cache	2 Intel 5570 quad core at 2.93 GHz, 8MB L3 cache
Memory	8 GB PC3-8500 SODIMMs	8 GB PC3-10600 3-way interleaved ECC. DIMMs 12 & 16 GB options	12 GB PC3-10600 3-way interleaved ECC. DIMMs 16 & 24 GB options
System Bus	1066 MHz Front side bus	Intel 5500 chipset Dual-Independent 1066 MHz	Intel 5500 chipset Dual- Independent 1333 MHz
Disk Controller	SATA, single internal drive (2 nd drive in optional Ultra-Bay)	IBM ServeRAID M5015 with 512MB battery backup cache	IBM ServeRAID M5015 with 512MB battery backup cache
Disk drive(s)	One 7200 RPM SATA 320GB disk	4 (std) 8(opt) IBM 6 Gbs 7200 RPM 500GB SATA 1 – 3 TB usable	6 (std) 8 (opt) IBM 6 Gbs 10K RPM 300 GB SAS 1 – 1.6 TB usable
Expansion Slots	PC Card Slot	1 PCI-x and 4 PCI-e expansion slots	1 PCI-x and 4 PCI-e expansion slots
Networking	One Gigabit Ethernet and one 11 b/g wireless adapter	2 std Gigabit Ethernet ports. Opt. Dual & quad port adapters	2 std Gigabit Ethernet ports. Opt. Dual & quad port adapters
Power	6 cell battery and charger unit	Std 920 W PS. Optional redundant 920 W PS	Std dual hot-swap redundant 920W PS
Display	15.4” ThinkPad display, integrated KB & mouse	19” Flat Panel display, IBM KB & mouse	19” Flat Panel display, IBM KB and mouse
zPDT Models	L01 (recommended) L02 (limited performance)	L01, L02 L03 (recommend 2 nd processor)	L01, L02, L03
Form Factor	Laptop-Mobile Approx 6 lbs	Tower or 5U rack mount	Tower or 5U rack mount



What this really means to you

uPDT Model Attribute	Mobile	Midrange	Enterprise
Processor	Relative performance of 100 for your development or demos	Relative performance of 85 per enabled processor	Relative performance of 125 per enabled processor
Memory	6 GB of memory available to your System z environment	6 (to 14) GB of memory available to your System z environment	10 (to 30) GB of memory available to your System z environment
System Bus	Amazing performance for such a small system	5.86 GB/sec data transfer across the bus for faster processing	6.4 GB/sec data transfer across the bus for fastest processing
Disk Controller	Uses standard SATA 2.5" disks with good performance	Full data redundancy with excellent performance and capacity	Full data redundancy with excellent performance and capacity
Disk drive(s)	Plenty of room for multiple zOS systems with good performance	Redundancy, very good performance, space for more than 300 3390-3.	Redundancy, excellent performance, space for more than 300 3390-3
Expansion Slots	Add a Ethernet port or external disk	Plenty of room for more Ethernet ports, eSATA adapters and more	Plenty of room for more Ethernet ports, eSATA adapters and more
Networking	Provides basic networking with convenience of WiFi	More ports means more flexibility in configuring your network	More ports means more flexibility in configuring your network
Power	Mobility to allow development or demos anywhere,, anytime.	Even when fully configured, this power supply is loafing	The ultimate in redundancy for maximum availability
Display	Clear, crisp display in a small package	Your developers will love using this display as their zOS console.	Your developers will love using this display as their zOS console.
zPDT Models	Excellent performance for one enabled processor and two available if needed	Run one, two, or three enabled processors for added power and flexibility.	Run one, two, or three enabled processors for added power and flexibility.
Form Factor	Goes wherever you need it.	Convenient for office or computer room/rack environment	Convenient for office or computer room/rack environment

