



# UIUC T2 Purchase Plans (FY12)



## CPU

	quantity	Physical Cores	<u>HepSpec06</u>
FY 12 (first 1/3)	16	192	3344
FY 12 (remaining 2/3)	24	288	5016
Total FY12	40	480	8360

These numbers are based on the Dell R410 configuration, which could likely be the initial configuration given the poor C6145 performance. Specifically, we are looking at Dell R410, dual 6-core Intel 56xx processors.

## Storage

(buy into DDN GPFS)

	quantity (3 TB drives)	TB total
FY 12 (first 1/3)	50	150
FY 12 (remaining 2/3)	100	300
Total FY12	150	450



# UIUC T2 Purchase Plans (FY12)



## MWT2 UIUC Startup - PRELIMINARY

### CPU

Site	Qty servers	3G/slot	2G/slot	HS06	Cost	Comments
UIUC by Jan 31	16	256	384	3,344	\$ 53,504	Will use ICC platform
UIUC part 2	24	384	576	5,016	\$ 120,384	costing illustrative only
<b>Total</b>	<b>40</b>	<b>640</b>	<b>960</b>	<b>8,360</b>	<b>\$ 173,888</b>	

### Storage

Site	System	Qty	Cost/unit	Cost (total)	TB total
UIUC by Jan 31	DDN GPFS	50	\$ 635	\$ 31,734	150
UIUC part 2	DDN GPFS	100	\$ 570	\$ 57,000	300
<b>Total FY12</b>				<b>\$ 88,734</b>	<b>450</b>

### Head, Virtualization

Site	Head Qty	Head total	Total
UIUC	1	\$ 5,931	\$ 5,931
<b>Total</b>			<b>\$ 5,931</b>

### Networking LAN+WAN

Site	Qty	Cost/unit (est)	PerfSonar upgrade	WAN upgrades	Total
UIUC by Jan 31			\$ 3,000	\$ -	\$ 3,000
<b>Total</b>			<b>\$ 3,000</b>	<b>\$ -</b>	<b>\$ 3,000</b>

### UIUC Cost Summary

Site	CPU	Storage	Networking	Head, Virtualization	Total
UIUC by Jan 31	\$ 53,504	\$ 31,734		\$ 5,931	\$ 91,169
UIUC part 2	\$ 120,384	\$ 57,000	\$ 3,000	\$ -	\$ 180,384
<b>Total</b>	<b>\$ 173,888</b>	<b>\$ 88,734</b>	<b>\$ 3,000</b>	<b>\$ 5,931</b>	<b>\$ 271,553</b>

First 1/3 FY12 money must be spent by 1/31/11 or we lose them!