

introduction

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U: Intel, Microsoft, IBM
 I : Rafael
 A: Technion, Haifa University

I: Tower semiconductor
 U/I : Mellanox

I: Checkpoint, Amdocs, Comverse
 A: Tel Aviv University, Bar Ilan University, Weizmann institute

A: Hebrew University

U: Intel

A: Ben Gurion University

U: US firm with R&D or manufacturing
 I : Major Israeli firm
 A: major Academic institution

*Israeli-occupied with current status subject to the Israeli-Palestinian Interim Agreement – permanent status to be determined through further negotiation.

Big clusters in israel ...



Rank	Site	Computer/Year Vendor	Cores	R_{max}	R_{peak}	Power
184	Communications Israel	BladeCenter HS22 Cluster, WM Xeon 6-core 2.93Ghz, GigE / 2011 IBM	13788	77.70	161.60	386.9
257	Communications Israel	BladeCenter HS22 Cluster, WM Xeon 6-core 2.93Ghz, GigE / 2011 IBM	11964	67.68	140.22	335.7
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Academic computing



Bioinformatics, physics, astrophysics,
mathematic, chemistry, medical
imagery ,meteorological weather
forecast, ...

More than 50 clusters : standard, parallel, GPU,...

conclusion

Not too much clusters in TOP 500 but really important
need of HPC everyday !

Enjoy the workshop !!