		On-Premise Hosting		Cloud Hosting					
		Laptop	**Server**	**Minimal**	**Small**	**Medium**	**Minimal**	**Small**	**Medium**
		Dell XPS 15	Dell PowerEdge T330 5U	Digital Ocean Standard	Digital Ocean General Purpose	DigitalOcean CPU-Optimized	Azure B2MS	Azure B2S	Azure D2 v3
Requirements	Hardware	Required	Required	None	None	None	None	None	None
	Monitor	None	Required	None	None	None	None	None	None
	Internet	Not Required	Not Required	Required	Required	Required	Required	Required	Required
	Workstations	1	1	1	1	1	1	1	1
	Database	None	None	None	Managed DB	Managed DB	None	Basic, 2vCPUs, 100GB	General Purpose, 2 vCPUs, 100 GB
	Processor	4 Cores	4 Cores	4 vCPUs	2 vCPUs	4 vCPUs	2 vCPUs	2 vCPUs	2 vCPUs
	Memory	8 GB	16 GB	8 GB	4GB	8GB	8 GB	4 GB	8 GB
	Hard drive (SSD)	256 GB	480 GB	80 GB	80 GB	160 GB	50 GB	50 GB	50 GB
Upfront Costs	Hardware	1500.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Workstation	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Monitor	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
	Networking	250.00	500.00	250.00	250.00	250.00	250.00	250.00	250.00
	Security	250.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00
	UPS Backup	200.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
	Support Costs	**High**	**High**	Low	Low	Low	Low	Low	Low
Monthly Costs	Application Hosting	0.00	0.00	40.00	20.00	60.00	66.57	30.37	70.08
	Database Hosting	0.00	0.00	0.00	30.00	60.00	0.00	49.64	127.90
	Database Backups	These costs are mostly negligible but I wanted to include them to illustrate that there are more costs than just hosting.							
	Server Monitoring								
	Email Service								
Total Costs	Upfront Costs	3200.00	5200.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00
	Annual Costs	0.00	0.00	480.00	600.00	1440.00	798.84	960.12	2375.71
	First Year Costs	**3200.00**	**5200.00**	**1730.00**	**1850.00**	**2690.00**	**2048.84**	**2210.12**	**3625.71**
	Recurring Annual Costs	0.00	0.00	480.00	600.00	1440.00	798.84	960.12	2375.71
Considerations	Discount	Check with manufacturer		Check with DigitalOcean			Non-profits can take advantage of a $3500 per year discount		
	Testing	Difficult and expensive to replicate production environment (twice as much hardware).		Easy to create staging environment that replicates production.			Easy to create staging environment that replicates production.		
	Support Costs	Support costs for on-premise hosting will be high because you'll need to hire and/or train a system administrator or developer to manage the hardware and software locally. Unless Internet is reliable there, OpenBoxes/PIH would not be able to provide remote support.		Remote support would be available through OpenBoxes or Medline IT. NOTE: This option is not free (or even cheap) as we'd still need to have trained professionals available to provide support. However, this would likely be better than not being able to access a local server.			Remote support would be available through OpenBoxes or Medline IT. NOTE: This option is not free (or even cheap) as we'd still need to have trained professionals available to provide support. However, this would likely be better than not being able to access a local server.		
	Recommendation	An ok option if you have someone with technical expertise who can manage the laptop and keep it secure. Not a great option because it's not as powerful or cheap as hosting options.	Not recommended because the complexity is high. With unstable electricity this is less reliable than the laptop on-premise option because the server would be interrupted. This generally leads to corrupt disk drives and other issues that are difficult to remedy.	Good for small organizations with a few users that manage a single storage location with internet.		Better option for organizations that have multiple users across multiple locations.	Good option that provides flexibility and scalability. Basically the same as DigitalOcean options but better scalability, performance, and services. And the discount helps.		