Function	App name
Web browser	Zen
Text editor	NeoVim
Wayland compositor	Niri
XDG desktop portal	XDP Gnome
Terminal emulator	Kitty
Status bar	Waybar
Office suite	LibreOffice
Document viewer	Gnome Papers
Image viewer	Gnome Loupe
Discord client	Vesktop
VCS	Git

	Requirement	Criterion	Value	Criticality	Notes
Perform usual tasks	Browse the web	Browser base	Firefox	Must	
	View and edit documents	Formats	MS Office + OpenDocument	Must	
			PDF	Must	
			PNG, JPEG	Must	
	Edit code	Languages	C, C++, Rust, Go	Must	
			Python, Bash	Must	
			Markup and configs	Must	
	Deploy containers	Technology	Podman	Must	
			Docker	Should	
	Deploy virtual machines	Technology	QEMU + KVM	Must	
			Oracle Virtualbox	Could	
	Play games	Platform	Steam	Could	
			Epic Games	Could	
Protect user data	Permit data recovery	Snapshot frequency	TBD	Should	
	Permit remote storage	N/A	N/A	Must	Drive (i.e. NextCloud), NFS?
	Permit data replication	Protocols	RAID	Could	
	Encrypt data on disk	Partitions	All but boot	Must	
		Decryption mechanisms	Passphrase	Must	
			Yubikey/smartcards	Should	
	Prevent online tracking	Location protection	VPNs	Should	
		Ad blocker	UBlock Origin	Must	
	Log system activity	Log rotation	1 month	Could	
		Log retention	1 year	Could	
	Comply with recommendations	ANSSI Linux hardening level	TBD	Could	
		OpenSCAP score	TBD	Could	
Compatibility	Graphics	Vendor	Any	Should	
	Network	Vendor	Any	Should	
	Input	Vendor	Any	Should	libinput
	USB	Protocols	2.0, 3.0, Type C	Must	
	Smartcards	Model	YubiKey	Must	
	Software	Graphics	Wayland	Must	
		Init system	Systemd	Must	

	Requirement	Criterion	Value	Criticality	Notes
Setup the installation	Connect to network	N/A	N/A	Must	
	Partition drives	N/A	N/A	Must	
	Format partitions	N/A	N/A	Must	
	Mount partitions	N/A	N/A	Must	
	Ask for user details	N/A	N/A	Must	
	Deploy seedling file system	N/A	N/A	Must	
Perform actions in chroot	Download additional apps	N/A	N/A	Must	
	Install boot chain	N/A	N/A	Must	
	Initialize system services	N/A	N/A	Must	
	Create users and groups	N/A	N/A	Must	
	Setup timezone	N/A	N/A	Must	
	Setup host	N/A	N/A	Must	
Misc.	Provide a way to open a shell	N/A	N/A	Must	
	Reboot	N/A	N/A	Must	

	Requirement	Criterion	Value	Criticality	Notes
Configure the system in one place	Install/update binary packages	Format	GPKG	Must	Add a way to understand Gentoo overlays and categories as package groups
			Flatpak	Must	
		Sources	RadishFactory binhost	Must	
			Gentoo official binhost	Should	
			Flathub	Must	
	Configure displays	Settings	Resolution	Must	Depends on the WM!
			Position	Must	
			Scale	Must	
	Configure networks	Settings	Wi-Fi	Must	
			VPNs	Must	
			Bluetooth	Could	
	Configure users/groups	N/A	N/A	Must	
	Manage app permissions	N/A	N/A	Could	
	Manage drives	User permissions	Non root if applicable	Should	Udev/udisks
Misc	Present system status in one place	Type of interface	TUI	Must	Plugin or module system
			CLI	Should	
	Require/allow sudo operations	N/A	N/A	Must	
	Persist if the interface is closed	N/A	N/A	Must	